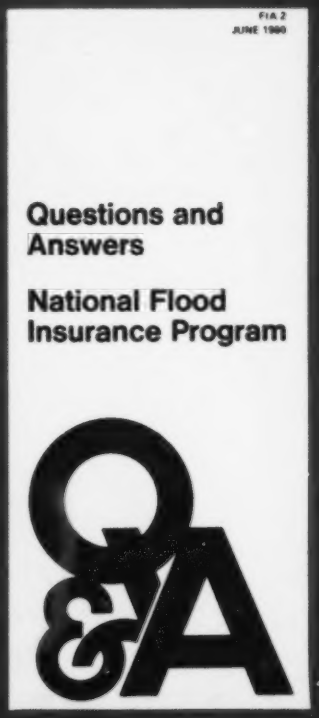
P96

federal emergency management agency publications catalog



FEDERAL EMERGENCY MANAGEMENT AGENCY

FEM 1.2:

FIA 2
JUNE 1980

Questions and Answers

National Crime Insurance Program

Q&A

federal emergency management agency motion picture catalog

FEMA 1
November 1981

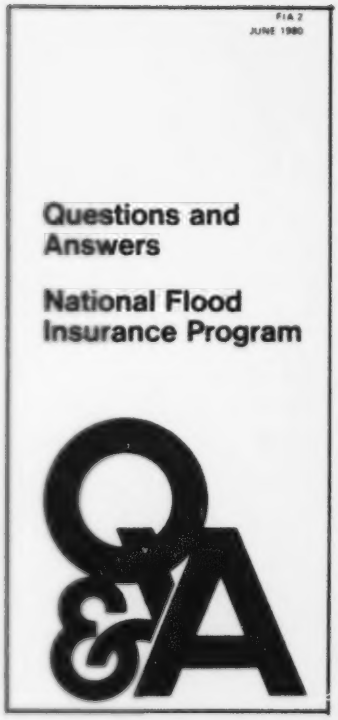
Stockpile Report to the Congress

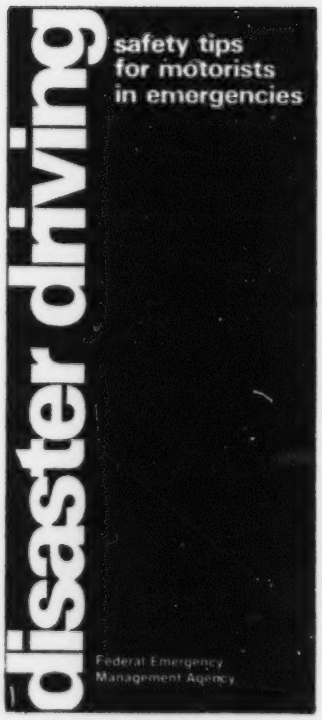
FEDERAL EMERGENCY MANAGEMENT AGENCY

FEMA - 20 / August 1982

federal emergency management agency

publications catalog





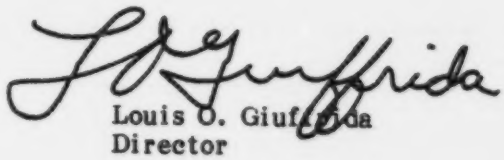
FEDERAL EMERGENCY MANAGEMENT AGENCY

Message from the Director:

In today's complex environment, emergencies occur every day. Responsibility for planning and preparing for, responding to and recovering from the effects of emergencies is shared by Federal, State, and local governments and the private sector.

To support these efforts, the Federal Emergency Management Agency (FEMA) produces a wide variety of emergency management information. This Catalog lists FEMA publications which are available to help meet the needs of our citizens in emergency management matters. Publications cover subjects spanning the full spectrum of emergencies including civil defense, earthquakes, floods, hurricanes, tornadoes, fire, nuclear accidents, acts of terrorism, dam safety, and radiological and hazardous materials incidents.

This catalog lists in one document the publications published by our agency to help emergency managers do their job. We hope it is helpful to the users in identifying the specialized information they need.



Louis O. Giuffrida
Director

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GENERAL INFORMATION ON FEMA PUBLICATIONS

AVAILABILITY OF PUBLICATIONS

Publications and other printed matter produced by the Federal Emergency Management Agency are available, upon request, subject to availability of stocks.

HOW TO OBTAIN PUBLICATIONS

State and local Emergency Management offices may obtain additional quantities from the FEMA Regional Offices (page iii) or from FEMA, P.O. Box 8181, Washington, D.C. 20024 in accordance with established regional procedures.

FEMA activities (Headquarters & Regions) may obtain copies of publications by submitting FEMA Form 60-8, "Requisition for Publications and Blank Forms" to FEMA, P.O. Box 8181, Washington, DC 20024.

FEMA Headquarters requirements for single copies of publications can be obtained by submitting FEMA Form 60-8 "Requistion for Publications and Blank Forms" in the Printing and Publications Division, Room 324.

PRESCRIBED FORM

This publication prescribes the use of FEMA Form 60-8 "Requisition for Publications & Blank Forms", which may be obtained from Printing and Publications Division, Office of Administrative Support (RM&A).

IDENTIFICATION OF PUBLICATIONS

All requests should include the reference (identification) number and the full title of each publication.

Include your full address and zip code.

FEMA REGIONAL OFFICES

	Serving
FEMA Region I 442 J. W. McCormack Boston, MA 02109	Connecticut, Maine, Vermont, Massachusetts, New Hampshire Rhode Island
FEMA Region II 26 Federal Plaza New York, NY 10007	New York, New Jersey, Puerto Rico, Virgin Islands District of Columbia
FEMA Region III Curtis Building 7th Floor 6th and Walnut Streets Philadelphia, PA 19106	Delaware, Maryland, Virginia, Pennsylvania, West Virginia
FEMA Region IV Gulf Oil Building, Suite 664 1375 Peachtree Street, N.E. Atlanta, GA 30309	Alabama, Georgia, Florida, Mississippi, Kentucky, South Carolina, North Carolina, Tennessee
FEMA Region V 300 South Wacker Drive (24th Floor) Chicago, IL 60606	Indiana, Illinois, Wisconsin, Ohio, Minnesota, Michigan
FEMA Region VI Federal Regional Center, RM 206 Denton, TX 76201	Arkansas, Louisiana, Texas New Mexico, Oklahoma
FEMA Region VII Old Federal Office Bldg., RM 300 Kansas City, MO 64106	Kansas, Nebraska, Missouri, Iowa
FEMA Region VIII Federal Regional Center, Bldg., 710 Denver, CO 80225	Colorado, Montana, Utah, North Dakota, South Dakota, Wyoming
FEMA Region IX 211 Main Street, RM 220 San Francisco, CA 94105	California, Arizona, Nevada, Hawaii
FEMA Region X Federal Regional Center Bothell, WA 98011	Idaho, Oregon, Washington, Alaska

EMERGENCY PLANNING PREPAREDNESS AND MOBILIZATION

CIVIL PREPAREDNESS GUIDES

The Civil Preparedness Guides, published in two series, are designed to provide guidance to State and local officials.

- o CPG-1 series: Guidance is directed towards all State and Local Civil Preparedness Directors and others with emergency responsibilities.

New publications in this series are automatically distributed in accordance with predetermined mailing lists, including distribution to selected military activities as determined by the Military Departments. Inquiries concerning initial distribution should be directed to the FEMA Regional Office in your area.

- o CPG-2 series: Technical guidance in specialized areas intended for limited distribution to localities needing or desiring this type of information.

The initial distribution of publications in the CPG-2 series is limited to the Regional Offices, the National Emergency Training Center, and to the States. A notice, announcing its availability, is then issued to the FEMA Regional Directors describing the publication. FEMA Regional and State offices should then requisition additional copies directly from FEMA, P.O. Box 8181, Washington, D.C. 20024 (The CPG 2-8 series of documents (see pages 9-15) are available only to National Civil Preparedness Planners, under contract, who are involved in developing crisis relocation plans.)

EMERGENCY PLANNING PREPAREDNESS AND MOBILIZATION

CIVIL PREPAREDNESS GUIDES--CPG-1 SERIES

NUMBER	DATE	TITLE
CPG 1-1	July 1975	Introduction to Civil Preparedness A booklet designed to introduce the new local director to civil preparedness, which includes civil defense and disaster preparedness. This guide is intended to help develop the local director's emergency preparedness knowledge, thereby increasing his ability to help his community cope with serious hazards and disasters, including possible nuclear attack.
CPG 1-3	December 1976	Federal Assistance Handbook A reference guide on Federal assistance available under the Federal Defense Act of 1950 as amended to states and through the states to local governments to assist these governments in carrying out their responsibilities. The handbook contains information which a state or local government needs to request assistance from the Federal Emergency Management Agency and information about the requirements, terms and conditions under which assistance is granted.
Change 1	May 1977	
Change 2	October 1977	
Change 3	April 1981	
Change 4	May 1982	
CPG 1-4	September 1978	Standards for Civil Preparedness (Summary for Public Officials) A summary of the more detailed version of the Standards for Civil Preparedness. This booklet, for officials of State and local government, contains a summary of what civil preparedness is, and how to develop it.
CPG 1-5	November 1980	Standards for Local Civil Preparedness These standards, agreed upon by Federal, State, and local representatives, are provided as a basis for professionalizing and improving local civil preparedness. This guide is provided to assist local governments in developing the capability to save lives and preserve property.
CPG 1-6	July 1981	Disaster Operations - A Handbook for Local Governments A planning and operations guide for local government officials in small municipalities and counties. Includes checklists pertaining to a number of specific types of civil emergencies that could confront such communities.

EMERGENCY PLANNING PREPAREDNESS AND MOBILIZATION

CIVIL PREPAREDNESS GUIDES--CPG-1 SERIES

NUMBER	DATE	TITLE
CPG 1-7	May 1981	Guide for Increasing Local Government Civil Defense Readiness During Periods of International Crisis This guide has 21 sections which deal with actions to increase readiness during an international crisis in areas including emergency public information, directions and control, shelter and others.
CPG 1-8	April 1982	Local Government Emergency Planning This guide covers planning for both peacetime and enemy-caused emergencies or disasters. These include emergencies of the types outlined in the Disaster Operations Handbook (CPG 1-6, July 1981)-tornadoes, chemical spills, nuclear reactor accidents, accidental missile launch, international crisis, enemy attack, and others.
CPG 1-9	July 1975	Nondiscrimination in Federally Assisted Programs of the Federal Emergency Management Agency Provides guidance regarding prohibited forms of discrimination in the use of FEMA financial assistance programs by state and local governments. It also describes procedures which FEMA has adopted to assure compliance with Title VI, Section 601 of the Civil Rights Act of 1964.
CPG 1-11	July 1975	Defense Civil Preparedness Mobilization Designee Program (Operating Procedures) A guide for the FEMA Mobilization Designee (MOBDES) Program. This publication explains the program objective and establishes the procedures to be followed to participate in the program.
Change 1	November 1975	This change implements the Privacy Act of 1974 by adding "Privacy Act Statements" to certain forms prescribed for use by CPG 1-11.
Change 2	April 1976	This change provides the "Privacy Act Statement" for AF Form 1288, "Application for Reserve Assignment".
CPG 1-14	November 1981	Civil Preparedness Principles of Warning This guide provides civil defense personnel with information concerning the basic principles of warning. It includes descriptions of the types of warning signals and their meaning, the Emergency Broadcast System (EBS) systems, tests, exercise terms, basic steps in dissemination of warning and termination of warning, and warning point requirements.

EMERGENCY PLANNING PREPAREDNESS AND MOBILIZATION

CIVIL PREPAREDNESS GUIDES—CPG-1 SERIES

NUMBER	DATE	TITLE
CPG 1-16	November 1980	National Warning System (NAWAS) Operations Manual This publication provides guidance for NAWAS warning point users and describes the NAWAS operational and functional capabilities: equipment operation and arrangement, and operational procedures.
CPG 1-17	March 1980	Outdoor Warning Systems Guide This guide has been developed to aid public officials in determining the requirements for outdoor warning systems.
CPG 1-18	January 1977	Emergency Communications Prescribes procedures for the development of detailed plans for the effective use of existing communication resources during an emergency.
CPG 1-19	July 1978	Guidance for Development of an Emergency Fallout Shelter Stocking Plan This guide sets forth guidance for use by State and local civil preparedness officials in developing effective fallout shelter stocking plans.
CPG 1-19A	November 1977	Civil Preparedness Posting Fallout Shelter Signs This publication gives the specifications for preparation of surfaces for mounting and care of "Fallout Shelter" signs.
CPG 1-30	June 1981	Guide for Design and Development of a Local Radiological Defense Support System This publication was developed to provide guidance to local civil defense directors/coordinators and Radiological Defense (RADEF) staff for designing and developing local RADEF support systems. In some communities, the application of this guidance may require only the realignment or improvement of already existing capabilities. In others, the design, development and implementation of additional capabilities may be necessary.

EMERGENCY PLANNING PREPAREDNESS AND MOBILIZATION

CIVIL PREPAREDNESS GUIDES--CPG-1 SERIES

NUMBER	DATE	TITLE
CPG 1-31	April 1982	A Guide To The Disaster Preparedness Improvement Grant Program This guide is designed to provide comprehensive information on the administration of the Disaster Preparedness Improvement Grant Program authorized by subsection 201(d) of the Disaster Relief Act of 1974, Public Law (P.L.) 93-288 and in accordance with FEMA regulations set forth in Title 44 Code of Federal Regulations, Part 300.

EMERGENCY PLANNING PREPAREDNESS AND MOBILIZATION

CIVIL PREPAREDNESS GUIDES CPG-2 SERIES

ATTACK ENVIRONMENTAL MANUALS

What the Emergency Planner Needs to Know About the Nature of Nuclear War. These manuals have been prepared to help the emergency planner understand what nuclear war may be like, and summarizes what FEMA now knows about the nuclear attack environment as it may affect operational readiness at local level. The following chapters, published separately, have been issued to date.

NUMBER	DATE	TITLE
CPG 2-1A1	May 1982	FEMA Attack Environment Manual Chapter 1 - Introduction to Nuclear Emergency Operations
CPG 2-1A2	May 1982	FEMA Attack Environment Manual Chapter 2 - What the Planner Needs to Know About Blast and Shock
CPG 2-1A3	May 1982	FEMA Attack Environment Manual Chapter 3 - What the Planner Needs to Know About Fire Ignition and Spread
CPG 2-1A4	June 1977	FEMA Attack Environment Manual Chapter 4 - What the Planner Needs to Know About Electromagnetic Pulse
CPG 2-1A5	October 1980	FEMA Attack Environment Manual Chapter 5 - What the Planner Needs to Know About Initial Nuclear Radiation
CPG 2-1A6	June 1973	FEMA Attack Environment Manual Chapter 6 - What the Planner Needs to Know About Fallout
CPG 2-1A7	June 1973	FEMA Attack Environment Manual Chapter 7 - What the Planner Needs to Know About the Shelter Environment
CPG 2-1A8	June 1973	FEMA Attack Environment Manual Chapter 8 - What the Planner Needs to Know About the Post-Shelter Environment
CPG 2-1A9	June 1973	FEMA Attack Environment Manual Chapter 9 - Application to Emergency Operations Planning

EMERGENCY PLANNING PREPAREDNESS AND MOBILIZATION

CIVIL PREPAREDNESS GUIDES CPG-2 SERIES

NUMBER	DATE	TITLE
CPG 2-3	July 1973	Industry/Business Emergency Planning Seminars A handbook on how to plan, organize, and conduct conferences on business and industrial preparedness
CPG 2-4	November 1977	Civil Preparedness Exercise Program Guidance Provides exercise programs guidance to FEMA Regions, current programming objectives.
CPG 2-5	July 1978	Disaster Planning Guide for Business and Industry Coordinated planning with your local civil preparedness director should assure provisions for the fullest use of community resources as needed. Mutual assistance insurance for use in emergencies. This publication gives the basic keys for developing plans for industry and business in the event of a disaster.
CPG 2-6.1	April 1978	Radiological Defense Preparedness This guide provides many jurisdictions with the plans, procedures, instrumentation, facilities and trained personnel combined into a complete operational RADEF system that can function to minimize the effect of the radiation hazards in the event of a nuclear attack.
CPG 2-6.2	June 1977	Radiological Defense Manual Manual provides the basic technical information nesessary for an understanding of Radiological Defense (RADEF) and briefly discusses the need for RADEF planning and expected post attack emergency operations. It had originally been prepared by the Federal Emergency Management Agency (FEMA) for use as a student textbook in Radiological Defense Courses.

EMERGENCY PLANNING PREPAREDNESS AND MOBILIZATION

CIVIL PREPAREDNESS GUIDES CPG-2 SERIES

NUMBER	DATE	TITLE
CPG 2-6.2.3	November 1977	Handbook for Aerial Radiological Monitors Provides technical and operational guidance for conducting aerial radiological surveys. It is used in the training of aerial radiological monitors. Aerial monitors should also review this handbook periodically and use it as a reference in exercises and emergency operations.

BASIC PLANNING GUIDANCE—NCP PLANNERS ONLY

The CPG 2-8 series are reference materials for NCP planners.

CPG 2-8A	January 1979	Guide for Crisis Relocation Contingency Planning Overview of Nuclear Civil Protection Planning for Crisis Relocation This document provides an overview of the Nuclear Civil Protection (NCP) planning program. In addition to orienting NCP Planners on the objectives, evolution, and scope of the program, it is intended to give State and local officials background on the concept of contingency planning for crisis situations.
CPG 2-8A1	January 1976	An Initial (Synoptic) Prototype State Crisis Relocation Plan - A Prototype for the State of Colorado This guide, which has been developed primarily for field test and review purposes, is part of a series of documents designed to provide basic planning guidance and resource data to FEMA and State personnel in developing plans for nuclear civil protection.
CPG 2-8B	January 1979	Guide for Crisis Relocation Contingency Planning State (and Regional) Planning This guide, for Crisis Relocation Contingency Planning, was prepared as part of a series of guidelines to assist NCP planners in developing State level crisis relocation plans.
CPG 2-8C	January 1979	Guide for Crisis Relocation Contingency Planning Operations Planning for Risk and Host Areas This guide, for Crisis Relocation Contingency Planning was prepared as part of a series of guidelines to assist NCP planners in developing local crisis relocation plans for risk and host areas.

EMERGENCY PLANNING PREPAREDNESS AND MOBILIZATION

CIVIL PREPAREDNESS GUIDES CPG-2 SERIES

NUMBER	DATE	TITLE
CPG 2-8.C1	January 1976	Prototype Crisis Relocation Plan for Fremont County, Colorado This guide, which has been developed primarily for field test and review purposes, is part of a series of documents designed to provide basic planning guidance and resource data to FEMA and state personnel in developing plans for nuclear civil protection.
CPG 2-8.D1	October 1976	El Paso-Colorado Springs, Crisis Relocation Plan (Prototype) This guide, which has been developed primarily for field test and review purposes, is part of a series of documents designed to provide basic planning in developing plans for nuclear civil protection.
CPG 2-8E	January 1976	Guide for Crisis Relocation Contingency Planning Part V: Organizational Planning for Crisis Relocation This guide which has been developed primarily for field test and review purposes, is part of a series of documents designed to provide basic planning guidance and resource data to FEMA and state personnel in developing plans for nuclear civil protection.
CPG 2-8F	February 1977	Preparing Crisis Relocation Planning Emergency Public Information This guide is part of a series of documents designed to provide basic planning guidance and resource data to FEMA and State personnel in developing plans for nuclear civil protection.
		REFERENCE MATERIALS FOR NCP PLANNERS
CPG 2-8.1	September 1975	Food System Support of the Relocation Strategy - Analysis and Case Study - Volume I Different alternatives for distributing food to evacuated populations under crisis relocation conditions are identified and evaluated. Food stocks in existing distribution channels are traced by magnitude and location, and potential system alternatives are examined. It appears that the most effective strategy for food distribution under evacuation conditions is to allow agricultural output and the major processing plants to follow normal distribution channels and to continue using wholesale warehouses in the evacuated area to serve retail outlets and mass feeding centers in outlying areas.

EMERGENCY PLANNING PREPAREDNESS AND MOBILIZATION

CIVIL PREPAREDNESS GUIDES CPG-2 SERIES

NUMBER	DATE	TITLE
CPG 2-8.2	September 1975	Food System Support of the Relocation Strategy - Prototype Plans, Volume II and Planning Guidance, Volume III This report deals with the food system aspects of crisis relocation planning. It provides sample food distribution system plans and guidelines for nuclear civil protection planners in developing crisis relocation plans.
CPG 2-8.3	January 1976	Reception/Care Planning for Crisis Relocation This report includes: (1) a technical report, (2) a bibliography of selected publications relating to Reception/Care and CRP, (3) a brief prototype R/C plan for a risk jurisdiction, (4) an illustrative prototype R/C plan for an evacuated organization, and (5) a recommended approach to R/C aspects of CRP. The report, approach, and planning materials strongly endorse and illustrate the concept of "organizations--workers plus their dependents--would relocate to specific, predesignated host area R/C jurisdictions, organizational headquarters facilities, and congregate care and fallout shelter facilities.
CPG 2-8.4	January 1976	Prototype Reception/Care Plan to Meet the Welfare, Shelter, and Related to Population Affected by Crisis Relocation This report, a companion piece to Reception/Care Planning for Crisis Relocation (CPG-2-8-3), is a detailed prototype Reception/Care plan for a host jurisdiction (in this case, for Fremont County, Colorado).
CPG 2-8.5	February 1976	The Nuclear Crisis of 1979 This study depicts a sequence of hypothetical strategic events which create an intense nuclear crisis. A parallel sequence sketches U.S. civilian responses to these developments including, eventually, the ordering of a mass movement of the urban population into the less risky host areas. Some of the major problems anticipated for the planning of this civil defense option without increasing the current modest budget are discussed. A series of vignettes portray an unfolding picture of the nuclear crisis, the mobilization which leads to the relocation of the population, the movement and the reception in the host areas, and the responses during a somewhat protracted evacuation.

EMERGENCY PLANNING PREPAREDNESS AND MOBILIZATION

CIVIL PREPAREDNESS GUIDES CPG-2 SERIES

NUMBER	DATE	TITLE
CPG 2-8.6	August 1975	Prototype Plans for Production and Maintenance of Electric Power in Crisis Relocation This report is presented in 3 major parts: (1) prototype plans for the production and maintenance of electric power service during crisis relocation (2) guidance for applying analysis methodology elsewhere, and (3) a detailed study and analysis report. The prototype plans part of the report includes plans for the Colorado Springs Municipal System (risk area); plans for typical investor-owned companies, municipal systems, and electric associations (host areas); and an outline of an electric power appendix to the State Plan for Colorado. The part of the report which pertains to guidance for application of the methodology can be applied elsewhere.
CPG 2-8.7	September 1976	Management of Medical Problems Resulting from Population Relocation, Volume I This report consists of 3 volumes. Volume I contains an analytical report which provides a medical profile of the United States identifying the day-to-day health and medical (h/m) problems of the population, examining the h/m problems that might be expected to result from population relocation, setting forth essential h/m functions for crisis relocation, and discussing resources and systems to meet h/m needs during a relocation period.
CPG 2-8.8	September 1976	Management of Medical Problems Resulting from Population Relocation, Volume II This volume, II, identifies the general requirements for h/m services during crisis relocation, presents alternative solutions for the planner's consideration and includes selected planning aids. It also includes h/m annexes to CRP's for the State of Colorado, El Paso Co.-Colorado Springs, and Fremont Co., State, risk and host jurisdictions, respectively.
CPG 2-8.9	October 1980	Alternate Ways of Providing Host Area Fallout Protection This report describes an analysis of the various host area fallout shelter options currently being considered for implementation in the nuclear crisis. The cost effectiveness and feasibility of different combinations of shelters were examined under various soil and water table conditions and availabilities of resources. These parameters characterize host areas in different geograhical regions of the country. As a final stage of the research, a host area shelter planning guide was developed. The guide presents a step-by-step procedure to be followed by the local planner in choosing shelter options for a particular area.

EMERGENCY PLANNING PREPAREDNESS AND MOBILIZATION

CIVIL PREPAREDNESS GUIDES CPG-2 SERIES

NUMBER	DATE	TITLE
CPG 2-8.10	January 1977	Home Basement Sharing: An Analysis and a Possible Approach to Planning Home basement sharing is one of the ways by which shelter deficits might be partially overcome. This study considers the extent to which home basement sharing might be feasible, and the degree to which a program of this kind would contribute to the protection of our people against nuclear hazards. Tentative approaches to home basement sharing planning are developed on the premise that the population might be protected "in-place" or upon "relocation," and that basement sharing plans might be developed under "normal conditions" or under "crisis conditions." The study arrives at programmatic recommendations so as to consider the incorporation of private basements into the national shelter system on a voluntary basis.
CPG 2-8.12	March 1977	Impacts of the Crisis Relocation Strategy on Transportation Systems: Volume I Volume I quantifies the impacts of the CRP strategy upon all levels of the nation's transportation systems; analyzes the transportation requirements of the relocated population, critical industries, operating agencies and services, host area life support facilities, and investigates the means of fulfilling these requirements; investigates methods of upgrading transportation system performance under CRP conditions before, during, and after the relocation; and assesses the potential impacts of transportation system degradation upon relocation feasibility.
CPG 2-8.13	March 1977	Impacts of the Crisis Relocation Strategy on Transportation Systems: Volume II This section of the report is directed toward State and local officials charged with the task of developing CRPs for their jurisdictions. Guidelines are presented which will enable these officials to obtain the necessary data for planning and to formulate plans for the transport of people and critical cargo under crisis relocation conditions.

EMERGENCY PLANNING PREPAREDNESS AND MOBILIZATION

CIVIL PREPAREDNESS GUIDES CPG-2 SERIES

NUMBER	DATE	TITLE
CPG 2-8.14	March 1977	Reception and Care Planning Guidance for Host Communities: Volumes I, II, and III Volume I describes the numerous sections of the four volumes and recommends the "clustering" of various sections into "modules" of training content geared to particular functions and audiences under "normal" or "crash" training conditions. Volume II describes (1) a sequence of Planning Steps involved in preparing a host county plan and (2) detailed Planning Instructions for using the Planning Format contained in Volume III of this set of guidance materials. These Steps and Instructions are specifically cross referenced to the Planning Format for Host counties, and are written for use either in on-site or more formal training contexts, or in operational settings. Volume III constitutes the recommended format for host county Reception/Care plans, and is designed to minimize the effort required to formulate such plans at the local level. The volume contains one copy of virtually every form that would be required to complete a host county plan in most circumstances, and is compatible in organization and terminology with the companion volumes in the set, which describe planning steps, provide detailed instructions for utilizing this planning format, and describe the organizational structure and specific jobs in a host county Reception/Care Service. This volume, like others in the set, is designed in "modular" form to facilitate its use in training Reception/Care personnel at various levels and in diverse training contexts.
CPG 2-8.15	March 1977	Reception/Care Planning Guidance for Host Communities - Volume IV This volume provides (I) Tables of Organization for all elements of a host area Reception/Care Service, (II) job descriptions for each of 66 personnel positions normally found in a local organization, (III) a cross-reference list relating job descriptions to organizational charts, and (IV) a listing of personnel positions included in each of five (successively more complete) levels of staffing.

EMERGENCY PLANNING PREPAREDNESS AND MOBILIZATION

CIVIL PREPAREDNESS GUIDES CPG-2 SERIES

NUMBER	DATE	TITLE
CPG 2-8.16	September 1977	Economic and Industrial Aspects of Crisis Relocation Economic and industrial problems related to crisis relocation are identified and described. Problems faced by the individual, private business, financial system, and local and regional government are presented in terms of operations phases beginning with pre-location crisis period, crisis relocation initiation, relocation maintenance period, and the CR-reconstruction period. Approaches for estimating national economic impact of the crisis relocation are developed. Planning methods for identifying types of essential industry and key workers are outlined. Input-output analysis methods are described for determining levels of production required by various essential industry sectors at the national and regional levels.
CPG 2-8.17	October 1977	Guidance for Crisis Relocation Planning in Highly Urbanized Areas This guide is a supplement to Parts I and II of the FEMA Guide for Crisis Relocatin Contingency Planning (CPG 2-8-A and CPG 2-8-8B). It is intended for use by planning teams assigned to highly urbanized areas that include one or more very large population Centers and that have a very large fraction of the total population at risk.
CPG 2-9	September 1976	Manual Damage Estimation System The FEMA Manual Damage Estimation System provides an indirect means for estimating possible damage in the following categories at this time: Population, Housing Units, AM and FM Radio Stations and TV Stations, and Emergency Operating Centers (EOCs) during, and in the early period following, a nuclear attack. This guide deals with only the initial nuclear effects.
CPG-2.10		Civil Defense Emergency Operations Reporting System The CPG-2.10 series establishes requirements for civil defense emergency operations reporting from the States to Federal Regional Centers, as well as from the Regions back to the States. It also provides guidance on approaches to emergency reporting within the States.

EMERGENCY PLANNING PREPAREDNESS AND MOBILIZATION

CIVIL PREPAREDNESS GUIDES CPG-2 SERIES

NUMBER	DATE	TITLE
CPG 2-10.1	June 1978	System Description
CPG 2-10.2	June 1978	Local Increase Readiness Reporting Procedures
CPG 2-10.3	June 1978	Civil Defense Emergency Operating Reporting Systems
CPG 2-10.4	June 1978	Procedures for Developing Weapons Effects Reporting
CPG 2-10.5	June 1978	Weapons Effects Reporting (WER) Station Procedures
CPG 2-10.6	June 1978	Local EOC Weapons Effects Reporting (WER) Procedures
CPG 2-10.7	June 1978	Sample Local Government Operational Situation Reporting Procedures
CPG 2-10.8	June 1978	State and/or State Area EOC Reporting Procedures
CPG 2-11	September 1977	Civil Air Patrol Support for Emergency Preparedness

CIVIL PREPAREDNESS CIRCULARS (CPC)

This publication media is used for the timely dissemination of program information to state and local emergency preparedness officials and others. Much of the information contained in Circulars are of general interest and includes instructions that are transitory or of a one-time nature.

NUMBER	DATE	TITLE
CPC 75-3	July 15, 1975	Use of Cable Television (CATV) for Civil Preparedness
CPC 75-4	August 4, 1975	Nuclear Civil Protection Planning
CPC 75-5	November 6, 1975	Providing Peacetime Disaster Relief Assistance
CPC 76-1	May 4, 1976	Use of Sirens for Disaster Warning
CPC 76-2	September 29, 1976	Shelter Supplies
CPC 77-3	May 23, 1977	Civil Preparedness Guidance of Explosive Ordinance Reconnaissance
CPC 77-4	July 5, 1977	Permissive Use of FEMA Communications and Warning System
CPC 77-6	August 5, 1977	Recommended Procedures for Use of Shelters for Protection From the Effect of Nuclear Weapons
CPC 77-9	October 21, 1977	Shelter Marking and Demarking
CPC 78-1	January 23, 1978	Accidental Launch Warning
CPC 78-2	January 31, 1978	Airport Disaster Planning
CPC 78-5	May 22, 1978	Carbon/Graphite Fire Hazards
CPC 78-9	June 13, 1978	Shelter Licensing
CPC 78-11	August 16, 1978	Radiological Defense
CPC 78-12	September 26, 1978	Radiological Defense Instrument Sets
CPC 79-1	April 10, 1979	FEMA Mobilization Designee (MOBDES) Program Guidance
CPC 79-2	June 25, 1979	Dual Use of Civil Defense Radiological Resources
CPC 80-1	August 28, 1980	Warning to State and Local Governments on the Use of Outdated CDV-800, CDV-805 and XM-28E4 Protective Masks.

STUDIES AND REPORTS

These reports are part of a series of documents which provide basic planning guidance and resource data to nuclear civil protection planners.

NUMBER	DATE	TITLE
RS 2-8-11	April 1979	Management of Medical Problems Resulting from Population Relocation This report, Volume III, is a follow-up to the Management of Medical Problems Resulting from Population Relocation, Volumes I and II, and are in direct support to the prototype plans for State, risk and host jurisdictions as presented in Volume II, Part III. This report consists of two sections. Section One is "Guidance for Crisis Relocation Planners"; Section Two is "Sample General Population Handout."
RS 2-8-18	March 1978	Utilization of Equipment Crisis Relocation Program This report primarily deals with host area requirements and applications in providing adequate fallout shelter protection for both local residents and relocatees as may be required during a crisis period evolving from a sharp deterioration of international relations.
RS 2-8-19	August 1978	Direction and Control Communications To Support Crisis Relocation Planning This report is part of a series of documents which provides basic planning guidance and resources data to nuclear civil protection planners.
RS 2-8-20	September 1978	Government Authority and Continuity in Support of Crisis Relocation In the event of Crisis Relocation there will be serious problems in providing fallout protection and life sustaining services and supplies for the population (local and evacuees) in the Host Areas, and in maintaining vital facilities and industries in the Risk Areas. In this study the essential functions of Host and Risk Areas and the requirements and continuity of government at the State and local levels are set forth.
RS 2-8-21	December 1978	Crisis Relocation of the Population at Risk in the New York Metropolitan Area The goal of this publication is to outline ways in which FEMA can relocate all risk populations within three days at distances no greater than 200 miles in cases of nuclear attack.
RS 2-8-22	February 1979	Impacts of Crisis Relocation on US Economic and Industrial Activity This report analyzes the impact of planning for, carrying out, maintaining, and revoking the crisis relocation of population on all echelons of the US Economic System.

STUDIES AND REPORTS

NUMBER	DATE	TITLE
RS 2-8-23	March 1979	Postattack Impacts of the Crisis Relocation Strategy on Transportation Systems This report was prepared as part of a series of concurrent studies undertaken by FEMA to investigate the potential planning and implementation problems associated with a crisis relocation strategy designed to transfer populations from high risk areas during periods of severe international crisis. Volume I
RS 2-8-24	March 1979	Revised Planning Volume II
RS 2-8-25	March 1979	The Role of Truckstops in Crisis Relocation Volume III
RS 2-8-26	May 1979	Field Testing and Evaluation of Expedient Shelters The objectives of these reports are to determine if an "average" American family could construct an expedient fallout shelter from the one page instructions compiled by FEMA.
RS 2-8-27	April 1979	Effects of Attack on Food Distribution to the Relocated Population, Volume I This report was prepared as part of a series of concurrent studies undertaken by FEMA to investigate the potential planning and implementation problems associated with a crisis relocation strategy designed to transfer populations from high-risk areas during periods of severe international crisis.
RS 2-8-28	April 1979	Effects of Attack on Food Distribution to the Relocated Population, Volumes I & III This report was prepared as part of a series of concurrent studies undertaken by FEMA to investigate the potential planning and implementation problems associated with a crisis relocation strategy designed to transfer populations from high risk areas during periods of severe international crisis.
RS 2-8-29	June 1979	Detailed Health & Medical Annexes to Crisis Relocation Plans This report contains the results of a research project to develop detailed health and medical plans for crisis relocation.

STUDIES AND REPORTS

NUMBER	DATE	TITLE
RS 2-8-30	June 1979	Emergency Sewage Procedure During Crisis Relocation This three part report considers one of the most important support functions-sewage treatments in the host areas. With the possible exception of an adequate safe water system, no other municipal function is more critical for the protection of the health of the population during emergency situations.
RS 2-8-31	June 1979	Treatment Facility Engineer's Manual for Sewage Procedures During Crisis Relocation This publication outlines how an adequate sewage treatment system is absolutely essential during crisis relocation for the protection of the health of the relocatees and prevention of the spread of communicable diseases. Of particular concern is the contamination of water supplies.
RS 2-8-32	June 1979	Organization Relocation This guidance provides detailed forms and instructions for use in dividing a host county into manageable Reception/Care units, allocating evacuees to each unit, and staffing the Reception/Care organization which provides essential services.
RS 2-8-34	January 1980	Evacuation Planning in the TMI Accident This report describes the crash effort to prepare evacuation plans while scientists and technicians worked to access and mitigate the potential hazard from the damaged reactor.
RS 2-8-35	June 1980	The Implications of Natural Hazard Evacuation Warning Studies for Crisis Relocation Planning This report reviews social science studies of human response to evacuation warnings and examines the implications of the research for the problem of citizen response to a request to relocate under Crisis Relocation Planning.
RS 2-8-36	December 1980	Key Economic Problems and Guidelines for Crisis Relocation This report, the third in a series on economic problems of crisis relocation, presents a detailed analysis of the post-crisis impact of crisis relocation on the economy in general, and on business and financial institutions in particular. The analysis includes results obtained with TEMCRIS II. an econometric model that predicts aggregate economic effects on a quarterly basis for the first year after peaceful resolution of the crisis. Another product of this report is a series of guidelines and sample planning formats for use by the Federal Government and by businesses and financial institutions in planning for the Crisis Relocation option.

STUDIES AND REPORTS

NUMBER	DATE	TITLE
RS 2-8-37	February 1981	Expedient Industrial Protection Against Nuclear Attack This report shows that the industrial plant machinery of the types tested can very effectively be protected against the principal disabling effects of nuclear weapons-fire, debris, and shock.

TECHNICAL REPORTS

Technical Reports are in-depth treatments of specified subjects that are technical in nature.

NUMBER	DATE	TITLE
TR-20 Vol I	June 1976	Shelter Design and Analysis, Volume I, Fallout Radiation Shielding
TR-20 Vol I Change 1	February 1978	In this revision, some of the highly theoretical materials have been reduced to simple explanations to aid the analyst in developing a sense of qualitative interpretation unencumbered by rigorous mathematical expressions.
TR-20 Vol II	February 1976	Shelter Design and Analysis, Volume II, Protection Factor Estimator with Instructions The method of shielding analysis presented in this publication is intended for Architects and Engineers concerned with both the analysis and the design of fallout shelter space in buildings.
TR-20 Vol III	May 1978	Shelter Environmental Support Systems, Volume III In this revision the environmental support systems are oriented specifically for Emergency Operating Centers (EOC's) from which key government and emergency services officials can direct activities essential to saving lives and safeguarding property.
TR-20 Vol IV	May 1977	Protective Construction This publication is for use in FEMA sponsored courses in the design of structures resistant to the blast effects of nuclear weapons. The text is aimed primarily at designing blast hardened shelters in the basements of ordinary (i.e., not blast hardened) buildings. (Training publication)
TR-38	June 1966	Biological & Radiological Effects of Fallout From Nuclear Explosions This publication explains the nature of fallout and also cites potential hazards from fallout, radioactive decay, and world-wide fallout.
TR-39	August 1982	Protective Construction Provides information for use by Architects and Engineers on including radiation protection in the design of new buildings.
TR-46	June 1967	Community Development and Civil Defense This publication is designed to provide knowledge to architects and consulting engineers on the nature of radioactive fallout and how to design buildings to provide shielding against it.

TECHNICAL REPORTS

NUMBER	DATE	TITLE
TR-48	December 1967	Fallout Shelter in Industrial and Commercial Buildings A report illustrating industrial, commercial, and business buildings that are attractive and contain dual-use fallout shelter in aboveground as well as belowground locations. The buildings were designed by architects with fallout protection in mind, and are only examples where companies have included dual-use fallout shelters in the initial design of their buildings.
TR-49	December 1967	1966 Architectural Building with Fallout Shelter A brochure illustrating and explaining the buildings which received first honor awards and awards of merit in the 1966 Honor Awards Program -- Buildings with Fallout Shelter. The program was conducted for FEMA by the American Institute of Architects. Buildings were selected for excellence of design which included dual-use shelter. Submissions were nationwide.
TR-50	May 1968	Fallout Protection Military Construction This booklet contains material from nine case studies under a Work Order with the Chief of Engineers, illustrating how application of fallout radiation shielding principles, during the early design stage of certain military buildings, can effectively increase their shelter potential. All buildings selected represent typical Army structures and cover a fairly wide variety in size and number of stories.
TR-50	January 1969	Errata Sheet
TR-51	April 1968	Design Modification Studies An architectural design study conducted by Pennsylvania State University for FEMA which included the redesign of seven existing buildings across the country by the original architects to add the shelter design and an alternate design with shelter of a new elementary school. Results demonstrate the feasibility of including shelter in many types of buildings.

TECHNICAL REPORTS

NUMBER	DATE	TITLE
TR-52A,B,C	April 1968	Radiation Shielding for Architects A. Fundamentals of Planning. B. Fundamentals of Analysis. C. Fundamentals of Application. A set of three publications developed by North Carolina State University for FEMA. By architectural graphics and text, they describe the origin and nature of the hazard, the method of analyzing protection in a building, and the ways of applying design techniques to achieve radiation protection.
TR-53	October 1968	Existing Schools: Their Future An architectural design study of additions to six existing California schools by six nationally known architects from across the country to demonstrate how shelter may be added while, at the same time, achieving modern educational requirements. The study was conducted by the University of Utah for FEMA with the cooperation of the Bureau of School Planning, California Department of Education.
TR-55	January 1980	Shelter Analysis for New Designs (SAND) This document is a guide the Architects and Engineers in the analysis of buildings for submission through the SAND program. PF's are computed by the PF-COMP computer program, which is based on the methods of the Engineering Manual available to Architects and Engineers who have attended the Fallout Shelter Analysis Course.

TECHNICAL REPORTS

NUMBER	DATE	TITLE
TR-58	September 1969	HUD Aids for Fallout Shelter Development This booklet describes the principal programs of the Department of Housing and Urban Development which can be used to promote and develop fallout shelters when the requirements of the specific programs are met.
TR-59	August 1978	A Computer Program to Analyze The Dynamic Response of High Rise Buildings to Nuclear Blast Loading This report is presented in 2 volumes. Volume I describes a program which analyzes the linear response and Volume II describes a program which analyzes the nonlinear response.
TR-60	December 1969	Shelters in New Homes This publication, prepared by the National Association of Home Builders Research Foundation, shows how any home builder or owner can provide an area that protects against fallout radiation and windstorm without sacrificing its day-to-day usefulness. It includes examples of multi-purpose areas, shelter designs and details, and radiation shielding principles.
TR-61	April 1980	EMP Threat & Protective Measures This report is primarily for technically oriented persons and presents a description of a nuclear electromagnetic pulse (EMP) effect on civil defense activities.
TR-61A	July 1972	EMP Protection for Emergency Operating Centers This technical report provides an unclassified guide for incorporating EMP protection into emergency operating centers.
TR-61B	July 1976	EMP Protective Systems This report presents a description of representative problems and solutions providing protection against a nuclear electromagnetic pulse.
TR-61C	July 1976	EMP Protection for AM Radio Broadcast Stations This report describes the nuclear electromagnetic pulse (EMP) effect on AM broadcast stations for engineers and electrical engineers associated with broadcast work.

TECHNICAL REPORTS

NUMBER	DATE	TITLE
TR-61D	July 1973	EMP and Electric Power Systems This report describes the nuclear electromagnetic pulse (EMP) effect on a power system. This information is primarily for electrical engineers associated with the power industry and is presented to alert them to the problems caused by an EMP.
TR-62	May 1976	Increasing Blast and Fire Resistance in Buildings This booklet reviews briefly the environment created by nuclear explosions, the potential hazards, and the response of buildings and their inhabitants to the environment. Also provides basic concepts of design techniques for increasing protection against blast and fire effects in buildings.
TR-63	July 1970	1969 Architectural Awards - Buildings with Fallout Shelter Illustrations and descriptions of three First Honor Awards and four Awards of Merit from the 1969 Awards Program conducted by the American Institute of Architects.
TR-65	February 1971	Twelve Protected Schools This booklet illustrates how fallout shelters have been created within the architects' design concepts. Most shelter designs resulted from guidance offered by university advisory centers.
TR-67	January 1972	School Design Study - Environmental Hazards This report was prepared by California State Polytechnic College, School of Architecture, and illustrates various hypothetical school designs which include protection against environment hazards.
TR-68	January 1981	Mass Thickness Manual for Walls, Floors, and Roofs A document to provide a practical method of determining the Mass thickness of walls, floors and roofs of existing buildings.
TR-69	November 1972	Cost Benefits in Shelters This report explores various areas of cost-savings resulting from the incorporation of basic fallout shelter design techniques in new buildings. Included are discussions on vandalism; heating, ventilating, and air conditioning; noise control; insurance; and storm protection.

TECHNICAL REPORTS

NUMBER	DATE	TITLE
TR-71	April 1980	Decontamination Considerations for Architects and Engineers This report is primarily for architects and engineers who are Fallout Shelter Analysts and provides a summary of the basic principles and procedures for radiological decontamination as well as how to analyze the effects of decontamination.
TR-72	February 1972	A Case for Protective Design, Nuclear and Otherwise Contains information on designing of structures to protect against nuclear and other types of disasters.
TR-73	March 1973	ENVIRONMENT: Problems, Solutions, and Emergency Preparedness This report shows how architects and engineers can meet the challenge of the many present day dangers through the total design concept.
TR-75	February 1974	Protecting Mobile Homes from High Winds This report illustrates how to "tie down" mobile homes to protect them from high winds.
TR-76	October 1972	Speed and Reliability of Inter-and Intra- EOC Emergency Communications This report is primarily for state and local communications personnel as an aid in improving the effectiveness of their communications in emergencies.
TR-78	May 1973	Protected Educational Facilities in Sound Space A guide for educators and planners in converting noneducational spaces into safe, healthful environments of education.
TR-79	July 1973	Schools in Kansas with Tornado Protection This report illustrates architectural designs which provide tornado protection in existing and in new schools. Many charts and floor plans are included displaying the beauty of buildings as well as safety.

TECHNICAL REPORTS

NUMBER	DATE	TITLE
TR-80	November 1973	Sound Control in Buildings and other Beneficial By-Products This report is intended to provide guidance to architects and engineers on the comparison of noise control to fallout radiation and shows examples of buildings with shelter.
TR-81	November 1973	Environmental Hazards and System Schools This report furnishes information to architects, engineers, and school officials on how to provide shelter in System Schools.
TR-83	November 1976	Wind Resistant Design Concepts for Residences Provides homeowners and builders various design options to achieve safer wind-resistant protection primarily from tornadoes in new residential houses. In addition to the increased protection from tornadoes, the concepts provide increased protection from radioactive fallout, and the high winds produced from a nuclear weapon.
TR-83A	January 1980	Interim Guidelines for Building Occupant Protection from Tornadoes and Extreme Winds Provides guidelines for use by Architects and Engineers in designing and building-in protection from high winds generated by tornadoes and other severe storms.
TR-83B	January 1980	Tornado Protection - Selecting and Designing Safe Areas in Buildings Provides information of interest to building owners, hospital and school administrators, and architects and engineers. Contains guidance on reviewing a building and determining the location of the safest area.

TECHNICAL REPORTS

NUMBER	DATE	TITLE
TR-85	December 1977	Building Design for Radiation Shielding and Thermal Efficiency This booklet identifies situations in which compatibilities of design exist for meeting both objectives, and it suggests workable design solutions for buildings having both features. In developing building designs to protect from radioactivity, FEMA has found that some of the techniques used also can improve building thermal efficiency which, in turn, reduces consumption of energy.
TR-86	September 1978	Architectural Design Techniques for Fallout Protection and Energy Conservation Architects and professional engineers have always been called upon to provide protection from hostile aspects of the environment. It is primarily to this uniquely skilled group that this publication is addressed.
TR-87	September 1979	Standards for Fallout Shelters, Public Fallout Shelters and Fallout Selters in Hospitals This publication outlines standards relating to the design and construction of public fallout shelters and fallout shelters in hospitals. Explanations and background discussions relating to various provisions contained in the standards are included.

H SERIES (HANDBOOKS FOR THE PUBLIC)

NUMBER	DATE	TITLE
H-12A	April 1980	HOME FALLOUT SHELTER - Modified Ceiling Shelter - Basement Location PLAN A Protection is provided in a basement corner by bricks or concrete blocks between the overhead joists. A beam and jack support the extra weight.
H-12B	May 1980	HOME FALLOUT SHELTER - Modified Ceiling Shelter - Basement Location PLAN B Protection is provided in a basement corner by bricks or concrete blocks between the overhead joists. Additional 2" x 12" joists support the extra weight.
H-12C	May 1980	HOME FALLOUT SHELTER - Concrete Block Shelter - Basement Location PLAN C A compact shelter is provided in a basement corner by the use of common lumber and concrete blocks with mortar joints for permanent construction.
H-12D	April 1980	HOME FALLOUT SHELTER - Snack Bar- Basement Location PLAN D A snack bar built of brick and concrete block can be converted into shelter. The hinged canopy can be tilted-down for filling with brick or concrete block.
H-12E	April 1980	HOME FALLOUT SHELTER - Tilt-up Storage Unit Shelter - Basement Location PLAN E A storage unit is hinged to the wall in a basement corner. It is tilted-up to rest on stacked brick or concrete block and filled for overhead protection.
H-12F	April 1980	HOME FALLOUT SHELTER - Lean-to Shelter - Basement Location PLAN F Pre-built wood components stored in the basement may be assembled and filled with bricks or concrete blocks for emergency protection.
H-12-1	June 1980	HOME FALLOUT SHELTER - Outside Concrete Shelter - Protection is provided in an outside concrete shelter. The roof of the shelter can be used as an attractive patio.
H-12-2	June 1980	HOME FALLOUT SHELTER - Aboveground Home Shelter Protection is provided in an outside aboveground shelter. The shelter can be used as a tool shed or workshop.

H SERIES (HANDBOOKS FOR THE PUBLIC)

NUMBER	DATE	TITLE
H-12-3	July 1981	HOME BLAST SHELTER - Underground Concrete Shelter Protection is provided in an underground concrete shelter. The roof of the shelter can be used as an attractive patio.
H-14	Reprinted 1980	In Time of Emergency - A Citizen's Handbook on Emergency Management The primary purpose of this handbook is to save lives. It is addressed directly to the individual and the family to provide them with information and guidance on what they can and should do to enhance their survival in the event of nationwide nuclear attack or in case of major natural disasters.
H-14A	November 1968	In Time of Emergency - A Citizen's Handbook on Emergency Management (Spanish Version)
H-15	August 1966	Basic Course in Emergency Mass Feeding Handbook developed jointly by the Department of Defense, Defense Civil Preparedness Agency (now FEMA), the American National Red Cross, and the Welfare Administration - Department of Health, Education, and Welfare (now the Department of Health and Human Services), for use primarily by students taking the basic course. May also serve as a ready reference for food workers engaged in actual emergency feeding operations.
H-18	December 1976	Community Action for Civil Preparedness Presents information intended to involve voluntary agencies and groups of the private sector in local preparedness activities.
H-20	February 1977	Protection in the Nuclear Age Guidance intended for communities involved in CRP projects.

DESIGN CASE STUDIES

Design Case Studies (DCS) are a series of publications that give an account of fallout and/or environmental protection that have been incorporated into the original design of buildings around the country. Also included in the studies are the cost breakdown for the shelters in the individual buildings along with the number of shelter spaces as shown on floor plans.

NUMBER	DATE	TITLE
DCS-2	November 1968	IBM Corporation - Research Triangle Park, North Carolina This publication outlines the policy in which the International Business Machines Corp. (IBM) has adopted fallout shelters reflecting a responsibility which many key industries of the Nation have assumed toward their employees and their stockholders-safeguarding the lives of trained and skilled personnel, as well as protecting property and records.
DCS-3	March 1970	Two New Hospitals - Roanoke, Virginia, and Black River Falls, Wisconsin This publication outlines the Architectural design the Black River Memorial Hospital in Black River Falls, Wisconsin and the Community Hospital of Roanoke Valley, Roanoke, Virginia, have adopted to protect their administrators and patients in time of emergency.
DCS-4	May 1970	Men's Residence Halls, University of Dubuque - Dubuque, Iowa This publication outlines the policy which the Men's Residence Hall, University of Dubuque, in Dubuque, Iowa, adopted for fallout protection in its design without cost increases.
DCS-13	April 1981	Federal Office Building - Saginaw, Michigan This publication outlines how the Federal Office Building in Saginaw, Michigan considered in its design ways in which the building could enhance the environment by featuring solar heating and cooling, solid waste disposals, recycled rain water for irrigation, etc.

TECHNICAL MEMORANDUMS

NUMBER	DATE	TITLE
TM 67-1	February 1967	Procedures and Regulations for the Care and Use of the CDV-778 Radiation Training Source Set
TM 73-1	July 1974	Suggested Technical Requirements for Mobile-Home Tiedown Ordinances This memorandum gives standards for mobile-home tiedowns and these should be used in conjunction with the ideas and concepts presented in TR-75.
TM 75-1	June 1975	Converting Vehicles for Use as Fire Apparatus or Rescue Trucks Provides information on how a local government can convert vehicles obtained through the FEMA surplus or contributions loan programs into fire apparatus or rescue trucks.

PLANS AND PREPAREDNESS SERIES

Plans and Preparedness publications deal with topics related to national and civil preparedness efforts.

NUMBER	DATE	TITLE
P&P-2	September 1980	Materials for Presentation on Nuclear Civil Protection This text and visuals provide up-to-date materials for State & Local directors to help in outlining the Civil Defense program to government officials or interested local groups.
P&P-5	December 1980	In Time of Emergency Camera Ready Newspaper Columns This publication contains various newspaper articles designed for release to the public as emergency information.
P&P-7	February 1981	U.S. Crisis Relocation Planning Outlines how a moderate cost civil defense system can prevent scores of millions of casualties by relocating people from America's risk areas during a crisis.
P&P-8	September 1981	Shelter Management Handbook Contains pertinent information on the day-to-day requirements of managing a fallout shelter.
P&P-9	February 1981	Radiation Protection Factor Module PF Instruction for Operation Contains operating instructions on the use of Radiation Protection Factor Module PF in a fallout shelter.
P&P-10	June 1981	A Climatological Oil Spill Planning Guide No. 2 This study is to provide such information in a format that can be understood and used by decision makers in oil spill contingency planning and by scientific support personnel during actual spills.

RADIOLOGICAL EMERGENCY PREPAREDNESS (NUCLEAR POWER PLANTS)

Radiological Emergency Preparedness publications provide detailed information on emergency preparedness activities connected with nuclear power plants.

NUMBER	DATE	TITLE
FEMA REP-1	January 1980	Criteria for Preparation and Evaluation of Radiological Emergency Response Plans and Preparedness in Support of Nuclear Power Plants The purpose of this guidance and upgraded acceptance criteria is to provide a basis for NRC licenses, State and local governments to develop radiological emergency plans and improve emergency preparedness.
FEMA REP-2	September 1980	Guidance on Offsite Emergency Radiation Measurement Systems This report provides interim guidance to State and Local agencies responsible for Radiological Emergency Preparedness in event of nuclear incident at a light water nuclear power plant.
FEMA REP-3	February 1981	Dynamic Evaluation Analysis; Independent Assessments of Evaluation Times from the Plume Exposure Pathway Emergency Planning Zones of 12 Nuclear Power Stations This publication provides NRC with an independent assessment of evacuation times around 12 reactor sites which have the highest population density within the co-mile Emergency Planning zone or mutally agreed upon by FEMA & NRC.
FEMA REP-4	April 1981	Criteria for Preparation and Evaluation of Radiological Emergency Response Plans and Preparedness in Support of Nuclear Power Plants This publication contains joint review of comments made by FEMA and NRC on evaluation of nuclear Power Plants.

EMERGENCY COORDINATION SERIES

The Emergency Coordination Series of publications provide information on peacetime Federal emergency response and coordination.

NUMBER	DATE	TITLE
ECS-2	June 1982	Digest of Federal Disaster Assistance Program A reference guide for citizens and public officials to help identify Federal assistance programs available to supplement State and local relief and recovery efforts following a Presidential declaration of a major disaster or emergency.

FEDERAL DISASTER ASSISTANCE

Disaster Response and Recovery publications deal with guidance to Federal State, and local officials and citizens on topics relating to FEMA's role in disaster assistance.

NUMBER	DATE	TITLE
DR&R-1	March 1981	Handbook for Applicants This Handbook prescribes policy and procedures for requesting, obtaining and administering FEMA grants for public assistance under the Disaster Relief Act (PL 93-288).
DR&R-2	July 1981	Eligibility Handbook A guide for determining eligible applicants for public assistance and categories of eligible work under the Disaster Relief Act of 1974 (PL 93-288).
DR&R-3	March 1981	Insurance Handbook for Public Assistance A policy and procedural guide for local, State and Federal Officials concerned with administering general hazard insurance and flood insurance requirements under the Disaster Relief Act of 1974 (PL 93-288).
DR&R-4	November 1980	Fire Suppression Assistance Handbook A guide to State and Federal officials in the administration of fire suppressions assistance under the Relief Act of 1974 (PL 93-288).
DR&R-5	January 1981	Community Disaster Loan Handbook A guide for local governments and State and Federal officials outlining the Community Disaster Loan program under the Disaster Relief Act (PL 93-288). Provides information concerning eligibility, application, administration and settlement.
DR&R-6	April 1979	Federal Disaster Assistance Program Evironmental Review Handbook This publication sets forth FEMA policies, procedures and assignment of responsibilities for the implementation of the National Environmental Policy Act of 1969, (NEPA), Public Law 91-190, pursuant to the Disaster Relief Act (PL 93-288).

FEDERAL DISASTER ASSISTANCE

NUMBER	DATE	TITLE
DR&R-7	August 1981	Documenting Disaster Damage This booklet is concerned with the need to maintain proper records so that you can fill out, update, maintain, and submit various papers, in order to receive Federal Emergency Management Agency funds.
DR&R-8	June 1980	Human Needs - Where to get Federal Help During An Energy Emergency A quick reference source for Govenors or their representatives in determining the types of assistance available in a variety of emergency situations.
DR&R-10	November 1981	Your Disaster Assistance Center: Federal, State and Local Aid (How to apply for help after a Disaster) A guide to applying for assistance at a Disaster Assistance Center.
DR&R-11	February 1981	Floodplain Management Handbook This handbook has been prepared for the use of State, local and Federal government officials and provides guidelines for Floodplain Management and Protection of Wetlands and procedures under Executive Order 11988 Floodplain Management, Executive Order 11990 Protection of Wetlands, and the Disaster Relief Act of 1974, (PL 93-288).
DR&R-13	January 1981	Public Assistance Automated System Managerial guidance and operating instructions for the Public Assistance automated system. Distribution is limited to FEMA Regional and National office officials on a "need to know" basis.
DR&R-16	May 1981	When You Return to a Storm-Damaged Home A pamphlet giving general instructions for entering and prompt clean-up of disaster-damaged buildings.

FIRE PREVENTION AND CONTROL

The FA-series of publications provide information on specific topics of interest in the area of fire prevention and control. 1/

NUMBER	DATE	TITLE
FA-1	April 1980	Arson Task Force Assistance Program This publication was developed to provide assistance to State and local agencies who are interested in setting up arson prevention and control programs that are compatible with available community resources.
FA-2	April 1980	Fire Safety on TV for Preschoolers (Brochure) This study, conducted by the Children's Television Workshop (producers of Sesame Street), recommends methods of preschool fire education through mass media.
FA-2A	July 1980	Fire Safety on T.V. for Preschoolers (Full Report) This study, conducted by the Children's Television Workshop (producers of Sesame Street), recommends methods of preschool fire education through mass media.
FA-5	April 1980	Public Fire Education Planning a 5-step Process This publication describes a systematic approach to designing, implementing and evaluating public fire education programs.
FA-6	April 1980	Indirect Cost of Residential Fires This report presents national estimates of indirect losses resulting from residential fires in the United States, where indirect losses are defined as costs other than direct property damages.
FA-7	May 1980	Model Performance Criteria for Structural Fire Fighters' Helmets This report provides new information useful for improving one important part of a fire fighter's protection, his helmet.
FA-8	May 1980	Remote Detection and Alarm for Residences: The Woodlands System This study is an analysis of the alarm history of a community protected by a remote detection/alarm system and an evaluation of the effectiveness of this system in reducing deaths and injuries from fires.

1/ See also Appendix 1 for Fire Prevention and Control publications available from National Technical Information Service (NTIS).

FIRE PREVENTION AND CONTROL

NUMBER	DATE	TITLE
FA-9	May 1980	Investigation of Improved Sensor/Actuator Concepts for Residential Fire Sprinkler Systems Final Report The purpose of this publication is to determine the extent to which the sensor and actuator functions of residential sprinkler systems could be improved at a reasonable cost.
FA-14	June 1980	Analysis of Fire Detectors Test Methods/Performance This publication attempts to develop a critique of existing detector testing and offers limited guidance on installation criteria (spacing).
FA-14A	June 1980	Analysis of Fire Detectors Test Methods/Performance: A Summary Report This publication describes the program attempting to develop a critique of existing detector testing and offers limited guidance on installation criteria (spacing) related to test results.
FA-16	June 1980	Computers for Fire Departments This publication addresses the issue of the feasibility of low-cost computer technology (intelligent terminals, minicomputers, microcomputers) for local fire departments data processing systems.
FA-18	July 1980	USFA Fellowship Program This publication outlines the availability of courses to the fire officers which focus on improving their management capabilities and familiarizing them with the functions of Federal government.
FA-19	August 1980	The Role of Women in the Fire Service This publication focuses attention on the issues surrounding the entry of women in the fire service and to promote the acceptability of women in the fire service workforce.
FA-20	August 1980	The National Workshop for Fire Services-EMS Needs This guidebook will assist fire departments interested in initiating or upgrading an EMS program. This publication provides planning assistance and outlines the various types of EMS programs.
FA-22	August 1980	Proceedings of the Fourth Conference on Low-Cost Residential Sprinkler Systems This publication contains comments and illustrations of the fourth conference on Low-Cost Residential Sprinkler Systems.

FIRE PREVENTION AND CONTROL

NUMBER	DATE	TITLE
FA-24	April 1980	NFIRS National Fire Incident Reporting System Handbook This Handbook is designed to train firefighters to collect NFIRS fire incident and casualty data, and for use as a basic reference book in the fire station.
FA-26	September 1980	Evaluation of Smoke Detectors In Homes Interim Report - Phase I This report presents the first major effort to evaluate the effectiveness of residential smoke detectors under actual field conditions. Objectives of the study were to examine how smoke detectors perform when fires occur and to develop a data base to provide direction for future research in the performance of smoke detectors.
FA-28	September 1980	Interviewing and Counseling Juvenile Firesetters Juvenile firesetters cause major fire losses in many communities. Parents, teachers, and community members often ask fire service personnel to talk with their young firesetters. Techniques for interviewing firesetters and their families are given. Interview results will determine whether educational programs, referral to a mental health professional, or both are indicated to intervene in the firesetting behavior process.
FA-29	October 1980	Guide for Preparing Fire Pumper Apparatus Specifications Part V-Supplementary Material This manual is designed to help fire departments determine pumper apparatus road and fire fighting performance requirements and to translate those requirements into technically accurate bid specifications for new equipment.
FA-29-1	October 1980	Guide for Preparing Fire Pumper Apparatus Specifications Part I-Executive Summary This volume has a brief summary of the contents of the other volumes and discusses how preparing specifications for pumper apparatus fits into local procedures for procurement.
FA-29-2	October 1980	Guide for Preparing Fire Pumper Apparatus Specifications Part II-Determining Performance Requirements This volume contains procedures for a community to follow to determine specific apparatus performance requirements and how to meet those requirements.

FIRE PREVENTION AND CONTROL

NUMBER	DATE	TITLE
FA-29-3	October 1980	Guide for Preparing Fire Pumper Apparatus Specifications Part III-Preparing the Bid Specification This is a step-by-step workbook for completing the fire pumper specifications that appear in Part IV. Each major component of the apparatus is addressed in turn.
FA-29-4	October 1980	Guide for Preparing Fire Pumper Apparatus Specifications Part IV-A Suggested Specification Format This volume contains suggested specification wording and format, using the information given in Part III, that may be tailored and completed to satisfy the community's needs.
FA-29-5	December 1980	Guide for Preparing Fire Pumper Apparatus Specification Part V-Supplementary Material This appendix gives a step-by-step procedure for testing the performance of a new fire truck in the following areas: (1) vehicle clearance turning radium for right and left turns; (2) acceleration from 0 to 50 mph; (3) acceleration from 15 to 35 mph; etc.
FA-30	October 1980	Media Ideas Workbook The workbook is a resource for public fire educators who use or would like to use local mass media in their fire public education campaigns. It contains ideas for television public service announcements and supporting printed brochures on five major education topics: scalds, smoke detectors testing, smoking-related fire safety, space heating and home survey programs.
FA-34	October 1980	Field Focus for the 80's-USFA Technical Programs in the News This book is a compilation of many articles written about the OPE field programs. The articles are presented as an overview of the resources and assistance which can currently be tapped to reduce fire losses and improve the delivery of fire emergency services in your community.
FA-36	October 1980	Teaching Fire Safety Through Exhibits This manual explains how an innovative exhibit designed by the Children's Museum of Boston under a grant from USFA can be a valuable tool for the fire services.

FIRE PREVENTION AND CONTROL

NUMBER	DATE	TITLE
FA-37	October 1980	Development of a Job Related Physical Performance Examination for Fire Fighters-A Summary Report This publication studies the relations between firefighters ability and selected physical characteristical firefighters. Based on laboratory and field experiments, a series of tests was developed for predicting the probability of successful and efficient performance as a firefighter.
FA-39	April 1981	Highlights of Fire in the U.S. This booklet presents the major findings on the magnitude and characteristics of America's fire problem in 1978.
FA-40	December 1980	Conceptual Design for an Automatic Residential Remote Fire Alarm System (ARRAS)- Summary Report The purpose of this study was to develop the conceptual design of an "Automatic Residential Remote Alarm System" (ARRAS)--A means of immediately alerting the occupants to the presence of fire in their residence and, at the same time, automatically summoning fire fighting aid and life saving assistance.
FA-41	December 1980	Sprinkler Performance in Residential Fire Tests This report details sprinkler performance as affected by sprinkler link temperature rating and water distribution.
FA-43	January 1981	Home Fire Protection Fire Sprinkler System This brochure outlines the advantages of newly designed home sprinkler systems, the impact of the revised NFPA 13D Residential Sprinkler Installation Standard, the investment aspects of installing residential sprinklers and a basic diagram of a residential fire sprinkler system.
FA-44	January 1981	Residential Program This brochure serves as a catalog for the National Fire Academy's 1982 Resident Program. It details admission policies, schedules, course descriptions and application procedures, and provides information on the Academy's Emmitsburg, Maryland, campus and surrounding area.
FA-46	December 1980	After the Fire Returning to Normal This pamphlet introduces some of the information that may be needed in order to recover from a fire loss.

FIRE PREVENTION AND CONTROL

NUMBER	DATE	TITLE
FA-47	January 1981	Emergency First Responder This publication discusses the issues involved in initiating action to control emergencies. The U.S. Fire Administration has developed and is promoting the concept of the fire service as the emergency first responder.
FA-48	January 1981	Media is the Message - Cooking Fire Prevention Media Workbook This workbook presents highlights of a Media Kit Utilization Project to stimulate the public use of mass media at the local level.
FA-49	January 1981	Conceptual Design for an Automatic Residential Remote Fire Alarm System (ARRAS) The report presents a conceptual design for an Automatic Residential Remote Fire Alarm System (ARRAS) which uses telephone lines or two-way cable television to link fire detectors in a home to a remote dispatching facility which alerts the residents of the home and transmits an alarm to the fire department.
FA-50	January 1981	Hotel/Motel Fire Safety This is a pamphlet designed to inform the general public about what they should do in the event of a hotel or motel fire. Created after two separate major hotel fires in Las Vegas, the publication contains a concise, step-by-step discussion of how to react when trapped in a hotel room or if a fire is discovered.
FA-52	February 1981	Implementing a Community Wide Automatic Residential Remote Alarm System: The Westland Plan This report documents the development of a three-phase plan to reduce fire-related losses in the community of Westland, Michigan.
FA-53	March 1981	Report on 1980 Property Loss Comparison Fires This report presents conclusions of an ad hoc insurance committee on the potential impact of sprinklers in reducing claim payment expenses.
FA-54	August 1981	Results of a Survey of Smoke and Fire Detector Owners This summary report presents highlights of a survey, conducted in January, 1980, to measure the number and characteristics of fire/smoke detectors used in residential dwellings in the United States. In addition, the survey focuses on the demographic profile and behavior patterns of the household, housing characteristics, and fire experience within the past six months.

FIRE PREVENTION AND CONTROL

NUMBER	DATE	TITLE
FA-55	September 1981	Christmas Tree Flyer This flyer can be hung directly on your tree as a reminder of the safety precautions to keep in mind to prevent your tree from catching fire.
FA-56	December 1981	High Rise Fire Protection Procedures This report is intended to review some of the important issues in high-rise fire protection and provide a basis for reviewing and developing high-rise procedures at the local level.
FA-57	December 1981	Activities and Practices for Improving Fire Departments' Safety and Health Programs This publication outlines ways in which firefighting can be made safer by improved activities and practices of the fire departments throughout the country.
FA-58	January 1982	Arson Resource Directory (Second Edition) The purpose of this publication is to provide both an explanation and full identification of key resources - organizations and individuals who are concerned, active, and successful in arson prevention and control.
FA-59	March 1982	State and Local Ordinances for Sprinkler Systems (Final Edition) The specific objective of this study is to develop two national directories identifying the extent and type of residential fire protection systems. These publications are the National Directory of Automatic Suppression Systems and the National Directory of Automatic Detection and Remote Alarm Systems.
FA-60	March 1982	An Evaluation of Residential Smoke Detectors Under Actual Field Conditions (Final Report) This study had three objectives. The first was to continue the examination, started in Phase I of this project, of how smoke detectors are performing when an unwanted fire occurs in residential property under actual or non-controlled conditions. The second objective was to examine residential smoke detectors that did not activate during a fire incident for sensitivity, mechanical and human oversight, or maintenance problems. The third objective was to examine residential smoke detectors that were not involved in a fire incident but had been installed for a period of time.

FIRE PREVENTION AND CONTROL

NUMBER	DATE	TITLE
FA-61	April 1982	Fire Education and The News In this publication is a program that is designed to take advantage of the enormous public education potential of television news and improve the relationship between the fire service and television news departments. Improved relationships are expected to lend to more in-depth fire-safety programming.
FA-62	April 1982	Cable Television For The Fire Service This guidebook is intended to assist local and state fire agencies in exploring and using local cable television. Also this guidebook has been prepared for the reader having little or no background in cable TV and serves as primer and an overview, rather than a definitive treatment of the subject.

NATIONAL FLOOD INSURANCE PROGRAM

The FIA series of publications provide information of specific topics related to the National Flood Insurance Program.

NUMBER	DATE	TITLE
FIA-1	April 1980	Alternatives for Implementing Substantial Improvement Definitions This research report analyzed the expected application of the National Flood Insurance Programs substantial improvement requirement, and evaluated the potential impact of various modifications to the requirements.
FIA-2	June 1980	Questions & Answers on the National Flood Insurance Program A booklet containing 59 questions and answers about the National Flood Insurance Program.
FIA-3A	June 1980	How to Read Flood Hazard Boundary Maps (Spanish version)
FIA-4	June 1980	Coastal Environmental Management This handbook describes in detail the physical processes of the six distinct coastal regions, coastal uplands, coastal floodlands, saltwater wetlands, banks and bluffs, dunelands and beaches. Along with this information the handbook provides management strategies for local coastal communities faced with the need to protect the environment and the need to allow controlled development.
FIA-6	July 1980	Elevating to the Wave Crest Level This benefit/cost study is designed to give an analysis of the impact to the individual who builds or substantially improves a house in a coastal high hazard area and elevates to the wave crest level.
FIA-7	January 1981	Design of Construction Manual for Residential Buildings in Coastal High Hazard Areas A manual for coastal builders, designers, engineers and community officials which provides basic guidelines and considerations for designing and constructing elevated residential structures in coastal high hazard areas.

NUMBER	DATE	TITLE
FIA-8	March 1981	Evaluation of Economic Social and Environmental Effects of Flood Plain Regulations This study evaluates quantitatively the economic, social and environmental effects of regulating the 100-year flood plain. Effects of flood plain regulations were evaluated by projecting future development trends under several regulatory scenarios using a case study approach.
FIA-9	March 1981	Coastal Flood Hazards in the National Flood Insurance Program Coastal Flood Hazard and National Flood Insurance Program warns of dangers of construction along barrier islands and other coastal high hazards areas. The 50-page booklet contains trends in federal strategies for flood loss and coastal management, explains National Flood Insurance Program activities and requirements, and details the impact of National Flood Insurance Program coverage in fifteen coastal communities. Several supporting charts and graphs are listed in this guide.
FIA-10	April 1981	How To Read a Flood Insurance Rate Map This brochure is a guide to help identify and understand key features of the Flood Insurance Rate Map.
FIA-11	July 1982	National Flood Insurance Programs Act This publication represents the latest update of the consolidated laws governing all aspects of the National Flood Insurance Programs through June 1982. This one complete document, of stationary requirements, covers the program responsibilities of both the Federal Insurance Administration (insurance) and the State and Local Programs and Support Directorate (floodplain management and engineering).

EMERGENCY MANAGEMENT TRAINING AND EDUCATION
INSTRUCTOR GUIDES

Instructor Guides provide detailed outlines and procedures for conducting training sessions on specific topic areas.

NUMBER	DATE	TITLE
IG-1 (IG-3.12)	August 1977	Your Chance to Live An aid for teachers in preparing students to respond to any disaster effectively. This manual serves as a companion document to the high school textbook, "Your Chance to Live."
IG-1.1 (IG-3.12)	January 1976	Your Chance to Live Spanish version
IG-1.2	April 1981	Emergency Management Instruction, Grades K-3 A teacher's aid in presenting the students in the primary grades basic information about natural and man-made disasters, preparedness procedures and survival techniques.
IG-1.3	April 1981	Emergency Management Instruction, Grades 4-6 A teacher's aid in presenting to the students in the intermediate grades basic information about natural and man-made disasters, preparedness procedures and survival techniques.
IG-1.4	April 1981	Emergency Management Instruction, Grades 7-9 A teacher's aid in presenting to the students in the junior high grades basic information about natural and man-made disasters, preparedness procedures and survival techniques.
IG-1.5	April 1981	Emergency Management Instruction, Grades 10-12 A teacher's aid in presenting to the students in the secondary grades basic information about material and man-made disaster preparedness procedures and survival techniques.
IG-1.6	June 1981	Emergency Management Instruction, (Teachers Resource Manual) Accompanies K-12 of the teacher's manuals in the Emergency Management Instruction. It is designed to give teachers additional background and information on the subject area in each of the teacher's manuals.
IG-2 (IG-10.1A)	September 1980	Law and Order Training for Civil Defense Emergency, Part A Includes instruction which would extend the capabilities of auxiliary police personnel to maximize their usefulness and stimulate their interest.

EMERGENCY MANAGEMENT TRAINING AND EDUCATION
INSTRUCTOR GUIDES

NUMBER	DATE	TITLE
IG-2.1 (IG-10.1B)	June 1977	Law & Order Training For Civil Defense Emergency Part B This guide has been developed for use in presenting Part B of the course of instruction in auxiliary police training. It is arranged by lessons, each of which covers a specific subject area. The coverage given to each lesson is not exhaustive, but when properly used the material should serve as a basic foundation for providing adequate instruction.
IG-3 (IG-11.21)	September 1980	Practical Application and Use of Radiological Instruments Practical learning experience with the use of RADEF instruments and the review of the prerequisite programmed instruction of the SS-3, "Introduction to Radiological Monitoring," makes this a course which qualifies the student as a radiological monitor.
IG-4 (IG-11.24)	October 1981	Aerial Radiological Monitoring Provides the basic instructional material needed to conduct an Aerial Radiological Monitoring course. The student should become knowledgeable in aerial survey techniques, operational procedures and specialized survey equipment required to carry out aerial survey missions.
IG-5 (IG-11.25)	August 1981	Radiological Defense Officer An aid for the instructor in preparing selected individuals to serve as Radiological Defense Officer's in nuclear attack emergencies. Consists of 25 lesson plans.
IG-6 (IG-11.27)	June 1981	Radiological Defense Instructor Workshop The purpose of the workshop is to qualify selected individuals to conduct training in the area of civil preparedness radiological defense.
IG-7 (IG-15.1)	August 1966	Emergency Mass Feeding This basic guide provides a detailed set of lesson plans which can be adapted to specific needs of local communities for feeding under emergency conditions.
IG-8 (IG-14.1)	August 1963	Basic Rescue Course Guide contains the first steps in developing standard procedures of rescue from damaged buildings and techniques on removing survivors and safety measures used.
IG-9 (IG-14.2)	March 1980	Light Duty Rescue Course Guide provides training for individuals who will become members of organized rescue squads for releasing injured and uninjured people trapped in lightly damaged structures or in shelters with limited access problems.

EMERGENCY MANAGEMENT TRAINING AND EDUCATION
INSTRUCTOR GUIDES

NUMBER	DATE	TITLE
IG-10		Flood Insurance for Lenders Guide to assist the instructor in conducting a two-part workshop. Part I consists of eight units of instruction supported by 139 slides. Part II is entitled, "Understanding and Using Maps" and 22 of the same slides are used to reinforce understanding.
IG-11	June 1981	Management of A Congregate Lodging Facility or Fallout Shelter This guide contains 12 lesson plans and instruction for preparing all the materials required to present the students information and train them as managers for use in lodging facilities of host areas in providing for the evacuated population. A set of visual aids and student manual supports the presentation and accompanies this guide.
IG-12 (IG-14)	1980	Flood Hazard Management and Natural Resource Protection A trainer's manual is designed to serve as detailed guide for individuals or organizations interested in conducting the training program on community flood hazard management and natural resource protection developed by the Conservation Foundation for FEMA.
IG-13	1981	Long-Term Recovery From Natural Disasters: The Coastal Setting This guide contains 19 lesson plans and helpful appendices to provide detailed guidance for individuals or organizations interested in conducting the training programs on planning for long-term recovery from natural disasters, with special emphasis on the coastal setting. The guide is designed to highlight the common theories, process, and problems that emerge during the long-term recovery period.
IG-18	1981	Natural Hazard Mitigation: Executive Order 11988 Floodplain Management This is a guide designed for Regional personnel use who will manage and/or supervise the implementation of FEMA regulations pursuant to Executive Orders 11988 and 11990. It is prepared for conducting a workshop designed to develop the capability to apply the regulations to FEMA activities during pre-flood and post-flood situations.

EMERGENCY MANAGEMENT TRAINING AND EDUCATION
INSTRUCTOR GUIDES

NUMBER	DATE	TITLE
IG-18.1	May 1981	Flood Map Facsimile of "Blue Bayou" Facsimile of a National Flood Insurance Program, (NFIP); Flood Insurance Rate Map (FIRM). Accompanying vu-graph is part of vu-graph set TS24. Paper map is true to NFIP map scale and zone designation.
IG-30.1	1980	Strategic Basis For Civil Defense Professional Development Program for Emergency Management Coordinator (Phase I) module contains the U.S. Strategic military structure in relation to other world military powers and the role of civil defense as an intergral part of the deterrence posture of the U.S.
IG-30.2	1980	Characteristics of Disasters Professional Development Program for Emergency Management Coordinators (Phase I) module contains differences and similarities of effects of disaster agents upon a community; an examination of actual disaster situations including nuclear weapons effects, tornados, earthquakes, hurricanes, transportation accidents, and others.
IG-30.3	1980	Emergency Management Program Information Professional Development Program for Emergency Management Coordinators (Phase I) module contains major programs and policy guidance to include shelters, warning, communications, operations, on-site assistance, nuclear Civil Protection Planning, MOBDES Program, etc. The need for and techniques of public information; role of the coordinator in public information; emergency public information.
IG-30.4	1980	Organizing for Emergency Operations Professional Development Program for Emergency Management Coordinators (Phase I) module contains concept of emergency management; policy and intent of emergency management legislation; identification of function; resources available in civil government, industry, local units of national organizations, the military and volunteer groups; steps in developing and emergency management organization.
IG-30.5	1980	Planning For Emergency Operations Professional Development Program for Emergency Management Coordinators (Phase I) module contains operations planning versus capability planning; planning process; needs, objectives, purpose, concept of operations; etc. of the planning process.

EMERGENCY MANAGEMENT TRAINING AND EDUCATION
INSTRUCTOR GUIDES

NUMBER	DATE	TITLE
IG-30.5-1	July 1978	State Emergency Operations Professional Development Program for Emergency Management Coordinators module (Phase I) contains state plan.
IG-30.5-2	July 1978	Sample County Emergency Operations Plans Professional Development Program for Emergency Management Coordinators module (Phase I) contains county plan.
IG-30.5-3	July 1978	Sample City Emergency Operations Plans Professional Development Program for Emergency Management Coordinators module (Phase I) contains city plans.
IG-30.6	1980	Program Management Professional Development Program for Emergency Management Coordinators module (Phase I) contains current FEMA program emphasis.
IG-30.7	1980	Operating Under Emergency Conditions Professional Development Program for Emergency Management Coordinators (Phase I) module contains principles of operation.
IG-31.1	1981	Government Structure Professional Development Program for Emergency Management Coordinators (Phase II) module contains instruction on Federal-State-local governmental relationships; types and organization of county and municipal government; the role of the coordinator in local government.
IG-31.2	1980	Program Management Professional Development Program for Emergency Management Coordinators (Phase II) module contains a systems analysis approach to program management.
IG-31.3	1980	Personnel Management Professional Development Program for Emergency Management Coordinators (Phase II) module contains staffing patterns and organizational structure; effective decision-making and management of the executive's time.
IG-31.4	1980	Budgeting Professional Development Program for Emergency Management Coordinators (Phase II) module contains the budget process.

EMERGENCY MANAGEMENT TRAINING AND EDUCATION
INSTRUCTOR GUIDES

NUMBER	DATE	TITLE
IG-31.5	1980	The Social Process for Emergency Management Professional Development Program for Emergency Management Coordinators (Phase II) module contains methods of planning for social action with an overview of the Social Action Model.
IG-32.1	March 1978	Emergency Planning Workshop for Business and Industry Conference This guide has a workshop lesson plan and includes the topic on the purpose and benefits of developing and maintaining a company emergency plan.

EMERGENCY MANAGEMENT TRAINING AND EDUCATION
STUDENT MANUALS

Student Manuals provide basic training information for students in specified topic areas.

NUMBER	DATE	TITLE
SM-1 (SM-3.12)	1972	Your Chance to Live This manual contains a series of ten subjects on disaster strikes, a section on warning systems, three other sections on home shelters, psychological response, and community and government action.
SM-1.1 (SM-3.12A)	1976	Your Chance to Live (Spanish version)
SM-2 (SM-10.1A)	October 1967	Law and Order for Civil Defense Emergency (Part A) This manual provides orientation on civil defense problems and is designed primarily for training personnel required to augment and support the regular police during civil defense emergencies.
SM-2.1 (SM-10.1B)	June 1977	Law and Order for Civil Defense Emergency (Part B) This manual provides orientation on civil defense problems and is designed primarily for training of personnel required to augment and support the regular police during civil defense emergencies.
SM-3 (SM-11.21.1)	March 1981	Radiological Student Workbook Includes the necessary materials needed by each student during the conduct of the Radiological Monitoring course.
SM-4 (CPG 2-6.2.3)		Aerial Radiological Monitors A handbook provides the user with basic information concerning aerial radiological monitoring.
SM-4.1.1	January 1967	Emergency Operation Simulation Training An operations manual contains the EOC concept of operations, relationship of the operation room staff to communication/dispatch personnel, operating procedures, operations room displays, message forms, operations room positions, local variations, operation room layout and operational modifications.
SM-4.1.2	January 1967	Emergency Operations Simulations Training A simulation manual describes the simulation model, including the necessary simulation aids, that will be used in the Emergency Operations Simulation Training.

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STUDENT MANUALS

NUMBER	DATE	TITLE
SM-5 (CPG 2-6.2)	January 1981	Radiological Defense Manual Provides the basic technical information necessary for an understanding of Radiological Defense (RADEF) and briefly discusses the need for RADEF planning and expected postattack emergency operations.
SM-5.1 (FG-E-5.9)	April 1981	Handbook for Radiological Monitors Provides basic information the monitor must have to carry out his duties of detection, measurement, and reporting of radiation. It is primarily intended for use as a student manual in monitoring training.
SM-5.2 (CPG 2-6.1)	February 1981	Radiological Defense Preparedness Consists of ten chapters and covers Radiological Defense (RADEF) program support, implementation and systems; Radiological Defense support for nuclear civil protection, emergency services, and for direction and control.
SM-5.3 (SM-11.25)	April 1979	Radiological Defense Officer A supplement to SM-5, "Radiological Defense Manual", which provides student with 19 lessons, three quizzes, course examination, examination review, course summary and graduation. Topics covered are: Basic concepts of Nuclear Weapons, Effects of Nuclear Weapons, Radioactive Fallout, Civil Preparedness Radiological Instruments, Protection from Nuclear Radiation, Biological Effects, and Fallout Forecasting.
SM-5.4 (FG-E-5.6./1)	February 1981	Meteorological Data for Radiological Defense This manual provides guidance to assist State and local governments in the use of meteorological data.
SM-5.5 (SM-11.25.1)	July 1977	Basic Radiological Defense Officer Quizzes and examination book to supplement (SM-5.3), "Radiological Defense Officer", and (IG-11.25) IG-5.
SM-6	August 1981	Radiological Defense Instructor Workshop Contains description of all units of instruction and is a supplement to other RADEF publications. Students may find this manual an aid to educational techniques and tips on teaching.

EMERGENCY MANAGEMENT TRAINING AND EDUCATION
STUDENT MANUALS

NUMBER	DATE	TITLE
SM-7 (H-15)	August 1966	Emergency Mass Feeding This handbook is used as a textbook and reference in the training course, "Basic Course in Emergency Mass Feeding", and as a ready reference for food workers who might become engaged in actual emergency feeding operations.
SM-8 (SM-14.1)	February 1980	Emergency Rescue Training (Pocket Edition) This manual contains a resume of most of the subjects covered in the instructor guides on basis light, and heavy duty rescue. It is a guide to emergency (spot) training of expanded rescue forces, by civil defense rescue cadremen who have been trained in rescue training programs recommended by FEMA.
SM-9 (SM-14.2)	March 1980	Rescue Skills and Techniques This manual is used in rescue training programs of State and local governments. It explains rescue skills and techniques for rescue service in peacetime or attack-caused emergency.
SM-9.2A	July 1981	Firefighting for Civil Defense Emergencies, Support Assistants For Fire Emergencies-Part A This instructor guide will be used to acquaint the student with the nuclear fire problem and the role of the fire service in coping with the problem. To show the student their role in Civil Defense emergencies and teach them the measures necessary to protect them and other people from effects of fallout during nuclear emergencies.
SM-9.2B	July 1981	Firefighting for Civil Defense Emergencies, Support Assistants for Fire Emergencies-Part B This manual will be used by the student for the same purpose as the SM-9.2A.
SM-11	June 1981	How to Manage Congregate Lodging Facilities and Fallout Shelters A two-part manual designed for an 8-hour workshop to instruct students in such topics as weapon effects and crisis relocation planning involving management operation for both congregate lodging and fallout shelters.
SM-12.1	March 1981	Flood Hazard Management and Natural Resources Protection: Exercise Maps Used as training aids for Flood Hazard Management Workshop. These mylar overlays are used for the mapping exercises found in the Interim IG-14, 1980, "Flood Hazard Management and Natural Resource Protection."

EMERGENCY MANAGEMENT TRAINING AND EDUCATION
STUDENT MANUALS

NUMBER	DATE	TITLE
SM-13	1981	Long-Term Recovery From Natural Disasters: The Coastal Setting Provides all lecture and process information necessary to conduct a 4-day workshop. State and local officials receive information and skills necessary to reduce the effects of flood disasters.
SM-14 (Interim)	1980	Long-Term Recovery From Natural Disasters: The Riverine Setting See description (SM-13). The workshop differs only in the setting focus and therefore, in the elements of the exercise scenario.
SM-16	September 1981	Legal Constraints and Options in the Management of Floodplains and Wetlands Designed for a 2-day workshop on legal matters facing attorneys who must give counsel and/or prepare for litigation that involves constitutional, statutory or regulatory issues in floodplain management.
SM-18.1	September 1981	Natural Hazard Mitigation Executive Mitigation Executive Order 11988 Floodplain Management Contains Resource Documents in eleven different sections used by the student in the study of Natural Hazard Mitigation workshops.

EMERGENCY MANAGEMENT TRAINING AND EDUCATION
STUDENT MANUALS

The descriptions for each of the following student manuals are the same as the instructor guides.

NUMBER	DATE	TITLE
SM-30.1	October 1980	Strategic Basis for Civil Defense
SM-30.2	1980	Characteristics of Disasters
SM-30.3	October 1980	Emergency Management Program Information
SM-30.4	August 1980	Organizing for Emergency Operations
SM-30.5	August 1980	Planning for Emergency Operations
SM-30.6	1980	Program Management
SM-30.7	1980	Operating Under Emergency Conditions
SM-31.1	August 1980	Government Structure
SM-31.2	1980	Program Management
SM-31.2.1	July 1978	PERT Fundamentals
SM-31.3	August 1980	Personnel Management
SM-31.4	August 1981	Budgeting
SM-31.4.1	July 1978	Budgeting A Programmed Text, Part A
SM-31.4.2	December 1977	Budgeting A Programmed Text, Part B
SM-31.4.3	July 1978	Budgeting A Programmed Text, Part C
SM-31.5	1980	The Social Procession Emergency Management
SM-32.1	March 1978	Emergency Planning Workshop for Business and Industry This manual is designed to provide 3 to 6 hours detailed review of the basis of corporate or company emergency planning.

EMERGENCY MANAGEMENT TRAINING AND EDUCATION
SELF-DIRECTED STUDY

Self-Directed Study publications allow persons instructed in general of specific emergency management topics to conduct such study on their own.

NUMBER	DATE	TITLE
SS-1 (HS-1)	October 1981	The Civil Defense Director/Coordinator, An Orientation to the Position Self-study course for new Local Civil Defense Directors. Covers in five units: Laws, Relationships, The Job, Knowledge and Support.
SS-2 (HS-6)	October 1981	Emergency Management, U.S.A. Self-study course for the average U.S. citizen based on the comprehensive emergency management approach. Describes natural and technological hazards and the nuclear attack threat. Leads the citizens through the developing personal emergency preparedness plans and encourages participation in the emergency network. 15 study hours.
SS-3 (HS-3)	April 1980	Radiological Monitoring Self-study course for the individuals being trained as radiological monitors or for other emergency personnel who need a background in radiological defense.

EMERGENCY MANAGEMENT TRAINING AND EDUCATION
TRAINING DOCUMENTS

Training Documents provide basic information on general and specific emergency management topic areas of interest to those involved in training efforts.

NUMBER	DATE	TITLE
TD-1	March 1981	Statement of Training and Education Requirements This publication is intended to be an exhaustive statement of the nationwide emergency management training and education requirements, except for the fire service requirements which are specified in a separate document. It lists all of the T&E needs for which FEMA will provide some form of assistance.
TD-2	April 1981	Training and Education Evaluation System Document explains the training and education evaluation system's goals, data collection, analysis of data, and use of "findings" and establishment of new objectives.
TD-3	April 1981	Floodplain Management: Ways of Estimating Wave Heights In Coastal High Hazard Areas A resource document which contains three separate documents used in calculation of wave heights in coastal high hazard areas.
TD-4	April 1982	Training and Education Publications Numbering System Is the master file for training and education publications used at the National Emergency Training Center, Emergency Management Institute in the Regions, States, and local governments; the private sector, and general public.
TD-5	September 1981	Multi-Government of Floodplains in Small Watersheds A condensed version of "Intergovernmental Management of Floodplains," published by the Institute of Behavioral Science, University of Colorado for use in short courses and training sessions on natural hazard mitigation.
TD-6	August 1981	One Liners, Energy Questions and Answers Covers subjects as: Three-Mile Island, energy sources and alternates; and social-political issues.

EMERGENCY MANAGEMENT TRAINING AND EDUCATION
TRAINING DOCUMENTS

NUMBER	DATE	TITLE
TD-7	August 1981	The Effects of Cultural Differences on Face-to-Face Relationships Between Disaster Victims and Disaster Workers (1) Defines the general concept of cultural differences; (2) explores the role of bias in American society, (3) examines the disaster environment as one social setting in which cultural differences between disaster workers and disaster victims do emerge; and (4) proposes several strategies for lessening the effects of cultural differences on FEMA's disaster assistance efforts.
TD-8	March 1981	Industrial Protection Guide This document contains ten sections, which is a plan to save lives and resources in case of nuclear disaster or other emergencies.
TD-9	August 1981	FEMA Training and Education Plan for Developing Increased Professionalism in Comprehensive Emergency Management (A Job Centered Approach) Provides guidance for all those concerned with, and have responsibilities for, the development and maintainance of a program for developing increased professionalism in comprehensive emergency management.
TD-10	August 1981	Channel Straightening...A Potential Problem A brochure handout describing the tape/slide show, its availability, and how to obtain it.
TD-11	September 1981	Examination of Offsite Radiological Emergency Protective Measures for Nuclear Reactor Accidents Involving Core Melts A training document designed to present data as a result of interest by the Three Mile Island accident. (classroom training only).

EMERGENCY MANAGEMENT TRAINING AND EDUCATION
TRAINING DOCUMENTS

NUMBER	DATE	TITLE
TD-16	February 1982	Proceedings of the Natural Hazards Management Institute, Emmitsburg, Maryland, February 23-27, 1981 Provides data for use in Natural Hazards Management training.
TD-18	January 1982	Workbook of Atmospheric Estimates This workbook presents methods of practical application of the binormal continuous plume dispersion model to estimate concentrations of air pollutants. Estimates of dispersion are those of Pasquill as restated by Gifford.

DISASTER MITIGATION AND RESEARCH

Mitigation and Research publications are in-depth reports of specific topics on emergency management issues.

NUMBER	DATE	TITLE
M&R-1	July 1980	Early Progress to Implement to the Federal Guidelines for Dam Safety and Recommendations to Improve Federal Dam Safety Programs This report contains an important set of documents on early Federal Agency progress to implement the Federal Guidelines for Dam Safety, recently prepared by an ad hoc Interagency Committee on Dam Safety of the Federal Coordinating Council for Science Engineering and Technology.
M&R-2	January 1981	An Assessment of the Consequences and Preparations for a Catastrophic California Earthquake Findings and Actions Taken This report summarizes the results of a catastrophic earthquake on the Nation and overall assessment that the Nation is essentially unprepared to handle such a catastrophic earthquake that must be expected in California in the next three decades.
M&R-3	February 1981	Disaster Planning Guidelines for Fire Chiefs This planning guide identifies the extent, level of involvement, cooperation and success of local Fire Departments in disaster planning. Check lists, sample plans and a bibliography are included for plan development.
M&R-4	March 1981	Evaluation of Alternative Means of Implementing Section 1362 of the National Flood Insurance Act of 1968 This study focuses principally on Section 1362 (A) of the National Flood Insurance Act, undertaking to: (1) identify and explore alternative means for its implementation; (2) estimate the number of structures potentially eligible for purchase under it; (3) identify the effects of Section 1362 on individuals and communities; (4) estimate the federal costs associated with the purchase of flooded properties.

NUMBER	DATE	TITLE
M&R-5 Vol 1 Vol 2 Vol 3	April 1981	Implications of Organizational Relocation to FEMA Programs and to the Preservation of United States Industrial Capability This document is concerned with the subject of Organizational Relocation, an approach to crisis relocation that would provide for moving risk area employees and their families to host areas on the basis of employing organization rather than individual family units.

LEAFLETS

The leaflets published by FEMA are provided to abstract helpful hints of an informational and educational nature. These leaflets also serve as handouts in meetings and seminars on preparedness.

NUMBER	DATE	TITLE
L-89	November 1975	Conflagration - A Documentary Film This leaflet tells of a film on the most massive urban fire in America in the last 50 years.
L-90	January 1982	Announcement of 1981 Courses in Fallout Shelter Analysis Outlines the tuition free courses offered by FEMA in Fallout Shelter Analysis.
L-91	1978	Emergency Shelter This leaflet gives information about the construction of Public, Private, Improvised, and Peacetime Disaster Shelter.
L-93	April 1980	Emergency Broadcast System This leaflet cites the EBS as a method of communicating with the American public in the event of war, threat of war, or grave National crisis.
L-96	October 1979	Winter-Storm This leaflet outlines safety tips to protect potential victims of winter storms.
L-97	October 1979	Winter-Fires Safety Tips for the Home Describes safety tips for the home on room heating, fireplaces, furnace-heating, kitchen stoves, and other places where winter fire could occur.
L-99	October 1979	Urban Waterfront Action Group Directory of Participants This leaflet is a directory of Washington task force participants and the programs they represent put together to tighten awareness of opportunities, benefits and needs; address key issues; and explore cost effective ways to respond to the needs of cities interested in revitalizing their waterfronts.

LEAFLETS

NUMBER	DATE	TITLE
L-102	March 1980	You Live In a Flood Prone Area (Spanish) This leaflet delineates areas that have been designated as being areas that are prone to flooding.
L-104	April 1980	High Risk Area Maps This leaflet identifies areas in the U.S. that are more likely to be attacked than others. The designation does not constitute a prediction that all or even most large cities or any specific city would necessarily be subject to direct attack.
L-105	April 1980	Hurricanes-Safety Tips for Hurricanes This leaflet outlines on Hurricane preparedness and warnings.
L-106	April 1980	Ready to Serve the Nation Questions & Answers on how a person can become an Executive Reservist. A program that is administered, directed, and evaluated by FEMA.
L-107	May 1980	Hurricane-Floods Leaflet contains safety-tips for coastal and inland flooding.
L-108	May 1980	Emergency Instructions for FEMA Executive Reservists This leaflet summarizes in a general way procedures to be followed if Executive Reservists assigned to the Federal Emergency Management Agency are ever activated.
L-109	October 1980	Keep on Top of Fire Literature Subscribe now to Fire Technology Abstracts This leaflet was designed to keep subscribers up to date on the latest Fire Technology Abstracts.
L-110	October 1980	Warm Up to Wood Safely This leaflet outlines ways in which we should protect ourselves from the unsafe use of wood stoves and chimney fires.
L-111	October 1981	Earthquakes This leaflet outlines safety tips for potential victims of earthquake.

LEAFLETS

NUMBER	DATE	TITLE
L-112	October 1980	Questions & Answers on Disaster Temporary Housing A leaflet on the most frequently asked questions about temporary housing after a disaster.
L-113	December 1980	Would You Keep a Bomb in Your Basement Outlines ways in which gasoline can ignite or explode by storing it improperly.
L-114	January 1981	After the Fire: The First 24 Hours A checklist on things you should know after the first 24 hours after a fire.
L-115	March 1982	Fire Safety in Your Mobile Home Describes safety tips on the prevention of fire in your mobile home.
L-116	June 1981	Disaster Driving Safety tips for motorists in emergencies.
L-117	September 1981	Smoke Detectors Save Lives - One-half of the Country is Now Using Smoke Detectors This leaflet was designed to reduce fire deaths, injuries and property losses through increased use of Smoke Detectors. (Fire Service Edition)
L-121	September 1981	Its Alarming Poster A poster which illustrates a way in which you can motivate your community to start a Smoke Detector Campaign.

LEAFLETS

NUMBER	DATE	TITLE
L-122	September 1981	Wake Up Smoke Detectors Can Save Your Life if... This leaflet summarizes the importance of a Smoke Detector in your home to protect your family from fire.
L-123	September 1981	Wake Up Smoke Detectors Can Save Your Life if... (Spanish version)
L-124	October 1981	Emergency Management, USA Application form for self-directed study course. Its purpose is to provide you with general information about natural disaster, the phases of emergency management and the development of emergency plans to ensure the safety of yourself and your family.
L-125	May 1982	Emergency Manager - An Orientation To The Position and Radiological Monitoring Application form for self-directed study course which will provide the manager with the basics of comprehensive emergency management.
L-126	December 1981	A Smoke Detector Can Save Your Life - Don't Stay Home Without One This leaflet emphasizes the importance of the use of a smoke detector in saving lives from fires in homes for the elderly.
L-127	December 1981	A Smoke Detector Can Save Your Life - Don't Stay Home Without One This leaflet emphasizes the importance of the use of a smoke detecotr in saving lives from fires in homes for the minorities.
L-128	December 1981	Winter Survival Safety Checklist (Poster) Poster developed for the Winter Survival Campaign.
L-130	March 1982	FEMA Tornado Poster Poster developed for the Tornado Campaign.
L-132	June 1982	Tips on Handling your Insurance Claim
L-133	June 1982	Tips on Repairing or Rebuilding your Disaster Damaged Home

FEMA PUBLICATIONS

The FEMA series of publications provide overall programs of information in specific topic areas.

NUMBER	DATE	TITLE
FEMA-2	June 1980	FEMA Motion Picture Catalog This catalog contains a current list of motion pictures of the Federal Emergency Management Agency. This catalog will be updated periodically as new films come out. These films are public information films, in 16mm color or black & white. They are cleared for television use and public non-profit exhibition.
FEMA-4	September 1980	Emergency Management Institute 1981 Residential Program This publication outlines the establishment of the Emergency Management Institute. It also cites campus facilities, description of courses, transportation and registration.
FEMA-5	September 1980	Report to Congress on Firefighter Safety and Health This report emphasizes the importance of the best possible protective clothing and equipment for the firefighters if they are expected to risk their lives to save lives, homes and businesses.
FEMA-6	November 1981	Ideas for Conducting Awareness Campaigns This booklet outlines ideas to assist you in conducting a public awareness or public education campaign to reduce the loss of life and human suffering occurring from man-made or natural hazards.
FEMA-8	February 1981	A Report to the President on Progress in Implementation of the National Arson Strategy This report documents the results and accomplishments of the national anti-arson strategy and the federal assistance to states and localities.
FEMA-9	May 1981	Directory of Governors and State Officials Responsible for Disaster Operations and Emergency Planning This publication outlines the governors and state officials responsible for Disaster Operations and Emergency Planning.
FEMA-10	July 1981	Planning Guide and Checklist for Hazardous Materials Contingency Plans This publication is designed to assist State and local officials develop a plan to respond to hazardous chemical spills from the smallest to the most complex.

FEMA PUBLICATIONS

NUMBER	DATE	TITLE
FEMA-11	July 1981	National Fire Academy 1982 Outreach Course Schedule This publication cites ways in which the agency's outreach program is designed to meet the educational and training needs of more than one and a half million firefighters who could benefit from on-site study at FEMA's National Fire Academy.
FEMA-13	September 1981	What You Should Know About Smoke Detectors This booklet is designed to answer your questions about smoke detectors and to help you select, install, and maintain a smoke detector so that it will contribute significantly to the safety of your family.
FEMA-14	September 1981	Flood Hazard Mitigation-Handbook of Common Procedures This handbook focuses on the activities of the regional Hazard Mitigation Teams and is directed primarily to federal and state agency members of the Hazard Mitigation Teams.
FEMA-15	December 1981	Design Guidelines For Flood Damage Reduction This manual has been prepared by the AIA Research Corporation as a special study for the FEMA to assist in meeting the objectives which are to encourage wise land-use and watershed management practices, encourage better integration of natural and social systems, and to encourage appropriate design and construction practices in flood prone areas.
FEMA-16	November 1981	Winter Survival Resource Kit This publication is intended to save lives and reduce hardship through increased public awareness of winter hazards.
FEMA-18	January 1982	National Emergency Training Center - NFA Residential Program Highlights This publication contains information about some of the resident course offerings at the National Fire Academy from January through September 1982.
FEMA-19	March 1982	This Is The Federal Emergency Management Agency This publication is a general outline of FEMA programs and services.

KITS

NUMBER	DATE	TITLE
K-46	July 1972	Environmental Realities
K-48	September 1980	Natural Disaster, USA
K-48ES	April 1980	Natural Disaster, USA
K-50	September 1980	Disaster Recovery Activities and You
K-53	October 1981	FEMA Kit Holder
K-55	October 1981	Residential Safety Resource Kit Holder
K-56	January 1982	Residential Safety Implementation Kit Fire Safety Where You Live

MISCELLANEOUS PUBLICATIONS

NUMBER	DATE	TITLE
MP-60	December 1971	Manual for Radio Amateur Civil Emergency Service (RACES) This manual is for use by local civil defense agencies, explains RACES network, and contains applicable operating procedures.
MP-61	December 1971	The Mayor's Command Center, Washington, D.C. A 16-page booklet describing the Mayor's Command Center, Washington, D.C. which provides a central emergency action control facility for the District of Columbia.
MP-62	September 1979	Civil Defense and The Public - An Overview of Public Attitudes Studies This publication develops a general framework for thinking and discussing civil preparedness programs and their various implementing audiences.
MP-64	January 1973	Plan Ahead For Power Supply Problems The author of this publication offers planning information for providing emergency stand-by equipment and for determining extent of loads connected to emergency.
MP-67	November 1973	Improving Your Community's Emergency Response This report outlines different ways in which communities can enhance the response in time of emergency.
MP-72	August 1972	How to Use Your Radiological Instruments This publication is guidance for determining the best available shelter area and expected visible effects of Radiation injury by use of Radiological Instruments.
MP-73	September 1976	Instructions in FSA Directory This directory is a listing of Instructors in Fallout Shelters Analysis from schools of architecture and engineering throughout the country and from private practice.
MP-74	September 1978	DCPA National Directory of FSA & Their Associated Architectual & Engineering Firm This directory provides a list of firms with certified Fallout Shelter Analyst(s) on their immediate staff.

MISCELLANEOUS PUBLICATIONS

NUMBER	DATE	TITLE
MP-76-1	April 1979	Industrial Plant Winter Storm The purpose of this exercise is to develop a framework within which Industry/Business Emergency Planning (I/BEP) participants can discuss the kinds of problems or actions they would be faced with during periods of disaster and the recommendations they would make to management.
MP-77	September 1978	User Manual - Fallout Shelter Analysis by Programmable Calculator This manual describes the procedures for calculating the protection factor of a shelter using a programmable calculator (pocket computer).
MP-80	July 1975	Significant Events USCD History This publication briefly outlines events in the history of the U.S. in which there was some activity in Civil Defense.
MP-85	August 1979	Natural Disaster Recovery Planning for Local Public Officials This publication describes local disaster recovery planning experience, with special attention to proven planning and management tools and techniques, for local public executives.
MP-91	February 1980	Program Guide A booklet describing, in general items, the concept of supplemental disaster assistance under the Disaster Relief Act of 1974, the declaration process, and the kinds of assistance available with and without a Presidential declaration.
MP-93	April 1980	How To Read A Flood Insurance Rate Map This guide is for interested citizens, community officials, lending institutions, and insurance agents to determine the degree of flood hazard in different areas of the community so that actual premium rates can be used to obtain full flood insurance coverage.
MP-93A	April 1980	How To Read A Flood Insurance Rate Map Spanish version
MP-94	March 1980	Master Planning for Fire Protection This Guide is about making master plans for fire prevention and control (which add up to fire protection). It is designed to help people interested in improving local fire protection through the use of basic systematic procedures.

MISCELLANEOUS PUBLICATIONS

NUMBER	DATE	TITLE
	1977	The Effects of Nuclear Weapons This publication outlines two atmospheric test laboratory studies, theoretical calculations and computer simulations were conducted to show the effects of nuclear weapons.
	July 1978	Soviet Civil Defense This publication outlines ways in which the Soviet Union intends to develop an active and extensive civil defense, in conjunction with their other defensive and offensive strategic programs. Their hope is to convince potential enemies that they cannot win a war with the USSR.
	May 1979	Comprehensive Emergency Management This guide highlights the findings of the National Govenors Association (NGA) Emergency Preparedness Project study, recommends an approach to comprehensive state emergency management and offers pertinent management advice and tools based on hard-won experience in a variety of states.
	May 1979	Domestic Terrorism This report contains a review of definitions of terrorism, and identification of terrorist groups which, according to newspaper reports, are active in the United States. This report also summarizes the state legislated authorities for Governors to terrorism management, and abstracts federal legislation related to terrorism.
	May 1979	Federal Emergency Authorities This handbook outlines, abstracts, and analyzes the authorities for the Federal and national organizations programs included in the National Emergency Assistance Guidelines handbook published by NGA in December 1978.
ORNL-TR 2366	1969	CD (Grazhdanskys Oborna Russian CD Handbook) This handbook presents the Soviet Civil Defense program in its entirety under one cover; its reason for existence, its aims and goals, and its means and methods of implementation.
	February 1981	Before The Well Runs Dry This publication describes ways in which water conservation is an effective and efficient means of solving many water supply problems: How it can ease a community over a short-term shortage; How it can eliminate the need for new source development; How it can improve a water system's efficiency; and How it can reduce operating costs.

MISCELLANEOUS PUBLICATIONS

NUMBER	DATE	TITLE
		Industrial Participation
	March 1964	Civil Defense and Emergency Planning for the Petroleum and Gas Industries This manual is intended to review in detail the many problems to be considered in planning for emergencies - either natural or man-made and suggests solutions.
PBS-P2560.1A	October 1965	Disaster Control and Civil Defense in Federal Building This booklet outlines the self-protection planning for Federal buildings involving administrative and physical arrangements for protecting life and property from the effects of attack, fire, flood, earthquake, explosion, or other major catastrophe. Its objective is to prevent or minimize injury and damage.
	1973	Emergency Preparedness Progress In The Electric Utility Industry This technical report includes a brief summary of the FEMA organization and what has been done by a representative cross-section of electric power companies in the area of emergency preparedness, how it was done, and what this effort has contributed to community civil defense readiness, as well as company preparedness.

MISCELLANEOUS PUBLICATIONS

NUMBER	DATE	TITLE
DSA(DCPA) 1-75	October 1975	Handbook on DCPA Emergency Power/Water Equipment A handbook prepared by DCPA for FEMA to familiarize state and local civil preparedness officials with the types of emergency power/water equipment available from FEMA for loan to states and local governments in the event of emergency or disaster situations.
DA Pam. 500-3	December 1967	Civil Defense: 1960-67 A bibliographic survey on civil defense prepared by the Army Library. This Department of the Army pamphlet provides references to sources of information and data on civil defense. The bibliography is valuable in learning about and assessing the progress of civil defense in the United States and other countries.
NCRP Report #42		Radiological Factors Affecting Decision-Making in a Nuclear Attack A report based on recommendations of the National Council on Radiation Protection and Measurements. Provides information as to the radiation exposures that might be acceptable in several categories of civil defense work in emergency conditions.
	1974	After the Storm Is Too Late An article reprinted from "State Government", Autumn 1974, which assesses the strengths and shortcomings of civil defense reactions across the Middle West during the April 1974 tornadoes.
		"Did You Know?" (Cartoon panels) A series of items for use in presenting civil defense information to the public in various types of periodicals (i.e., weekly newspapers, local trade journals, association magazines, etc.)
		Why The U.S. Must Revive CD This article which appeared in the Parade Magazine outlines the key factors that must be taken into consideration to revive civil defense.

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An Evaluation of Residential Smoke Detectors Under Actual Field Conditions (Final Report)	FA-60	49
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Protection in the Nuclear Age	H-20	32
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Report to Congress on Firefighter Safety and Health	FEMA-5	77
Report to the President on Progress in Implementation of the National Arson Strategy	FEMA-8	77
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U.S. FIRE ADMINISTRATION PUBLICATIONS—NTIS

APPENDIX I

The following list of Fire Administration publications can only be obtained from the U.S. Department of Commerce, National Technical Information Service. Send request directly to the National Technical Information Service, 5285 Port Royal Road, Springfield, Virginia 22161.

NTIS No.	
PB283017/AS	The Aftermath of Fire: Meeting the needs of Fire Victims
PB285898/AS	A Study to Identify Federal Experts and their Experience in Fire Prevention and Control and Closely Associated Fields and to Publish the Results
PB8256464	Arson Control Guide for Volunteer Fire Departments
PB8134074	Arson: The Federal Role in Arson Prevention and Control
PB273944	Assessment of the Technical Literature on Egress from Buildings
PB280752	Assessment of the Transferability of the Community Fire Master Planning Program
PB82169574	Attrition in the Fire Service
PB134066	Overview: Arson: The Federal Role in Arson Prevention and Control
PB153982	Arson Task Force Assistance Program Anti-Arson Implementation Kits
PB298759/AS	An Analysis of he NFPA 1977 Fire Experience Survey
PB127426	Arson: America's Malignant Crime
PB279758/AS	Arson Information Resources: A Baseline Collection and Survey
PB82189911	Arson: How Much Does It Cost Your City?
PB82189903	Arson Resource Directory, 2nd Edition
PB32169574	Attrition in the Fire Service
PB128432	Assessment of the Potential Impact of Fire Protection Systems on Actual Fire Incidents
PB80208226	A Summary Report: Analysis of Fire Detectors Test Methods/ Performance
PB80208234	Analysis of Fire Detectors Test Methods/Performance
PB80124811	Automatic Residential Remote Alarm System Survey
PB299017/AS	Contaminants in Structural Fire-Fighting
PB277460	Basic Guide for Fire Prevention and Control Master Planning

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PB299043/AS	Baton Rouge Fire Proceedings: Allies Against Burns - July 19-20, 1977
NNTD	Cable Television for the Fire Service
PB298886/AS	California Fire Services Post Proposition 13 Workshop Report
PB272064	Combustion of Mattresses Exposed to Flaming Ignition Sources. Part Full-Scale Test and Hazard Analysis
PB81163800	Summary Report: Conceptual Design for an Automatic Residential Remote Fire Alarm System (ARRAS)
PB81156176	Conceptual Design for an Automatic Residential Remote Fire Alarm System (ARRAS) Full Report
PB288828	Determinants of International Differences in Reported Fire Loss: Preliminary Investigation. Final Technical Report
PB288827/AS	Determinants of International Differences in Reported Fire Loss: Preliminary Investigation. Final Summary Report
PB80140502	Detector Directory
PB288599/AS	Design and Recommendations for the National Fire Technical Information Center
PB269866	Control of Smoke Movement in Buildings: A Review
PB269531	Considerations in Establishing Performance Criteria for Structural Firefighters' Helmets
PB8031139	Cost/Benefit Analysis of Fire Detectors
PB291537/AS	Criteria for Master Planninng and Resource Allocation
PB299115/AS	Conference Proceedings for the NFPCA Regulatory Impact Programs Conference
PB284810/AS	Community Characteristics and the Incidence of Fire: Empirical Analysis
PB80208036	A Comparison of 1977 and 1978 NFPA National Fire Experience Survey Results at the National and Fire Department Level
PB80207624	Computers for Fire Departments Current Technology and Typical Systems
PB263882	Detector Sensitivity and Siting Requirements for Dwellings: Phase II
PB80216310	The Development of Two Prospective Apparel Systems for Firefighting
PB277443	Development of a Job Related Physical Performance Examination for Firefighters

U.S. FIRE ADMINISTRATION PUBLICATIONS—NTIS

PB283015/AS	Development of Low-Cost Residential Sprinkler Protection: A Technical Report
PB291963/AS	Directory of Federal Experts in Fire Technology and Related Fields
PB286793/AS	The Dynamics of Fire Prevention: 2nd National Conference
PB81218091	A Detector in Every Other Home, Full Report, Results of a Survey of Smoke and Fire Detector Owners
AD-A091581	Disaster Planning Guidelines for Fire Chiefs
PB82169111	Emergency First Responder Seminars Final Report
PB272883	Environments of Fire Detectors - Phase I: Effect of Fire Sizes, Ceiling Weight and Materials
PB80209604	An Evaluation of Residential Smoke Detector Performance Under Field Conditions
PB81156218	Evaluation of Smoke Detectors in Homes Interim Report-Phase I
PB80125974	Evaluation and Analysis of Current Effective Building and Fire Prevention Code Administration and Enforcement Programs
PB80208028	Expert Review of Fire Experience Survey Questionnaire Design
PB281031/AS	Feasibility of Multijurisdictional County Fire Protection Master Planning - Volume I - Conclusions & Recommendations
PB281032/AS	Feasibility of Multijurisdictional County Fire Protection Master Planning - Volume II - Research Report
PB265653	Feasibility Study of a Nationwide Fire Hotline
PB272332/AS	Federal Fire Experience - FY'74
PB263461/AS	Federal Fire Prevention and Control Act of 1974, Legislative History Volume I
PB263462/AS	Federal Fire Preventiona and Control Act of 1974, Legislative History Volume II
PB272843	Federal Fire Service Seminas of June 9-10, 1975: On Pressing Problems of the Federal Fire Services
PB2722331/AS	Federal Fire Services Seminars on Reviving the Colonial Spirit of Productivity
PB80207566	Report for Calendar Year 1978-5th Annual Report on Implementation of Federal Fire Prevention and Control Act of 1974
PB82153859	Fire and Emergency Master Planning Selected Bibliography on Master Planning

U.S. FIRE ADMINISTRATION PUBLICATIONS—NTIS

NBSIR801965	Fire and Life Safety for the Handicapped
PB298991/AS	Fire-Code Inspection and Fire Prevention: What Methods Lead to Success?
PB80208010	Fire Data Collection and Retrieval the Fire Department Level and the NFPA Survey Questionnaire
PB278752	Fire Data Methodology: National Estimates of Fire Injuries
NNTD	Fire Department Personnel Management Handbook
PB82196832	Fire Department Participation in the Identification and Transportation of Victims of Thermal Injury in Central New York State
NNTD	Fire Education and the News
NNTD	Fire Education for Sesame Street
PB252588	Fire Fighter Mortality Report
PB299011/AS	Fire Insurance: Its Nature and Dynamics
PB291037/AS	Fire Protection Issues and Fire Data Needs
PB81193104	Fire Performance Evaluation of the Federal Mobile Home Construction and Safety Standard
PB289959/AS	Fire Rates and Census Characteristics-An Analytical Approach. Final Report
PB28959/AS	Fire Rates and Census Characteristics - A Descriptive Approach. Final Report II
PB280659	Fire Research Utilization by the Fire Service
PB82134248	Fire Service/EMS Program Management
PB257423	Fire Service Seminar: Legislation Mutual Aid Fire Reporting
PB80133390	Fire Technology Abstracts
PB297318/AS	Fire Technology Abstracts, Volume 1, Number 6
PB297317/AS	Fire Technology Abstracts, Volume 1, Number 5
PB297316/AS	Fire Technology Abstracts, Volume 1, Number 4
PB297315/AS	Fire Technology Abstracts, Volume 1, Number 3
PB263957/AS	Fire Technology Abstracts. Volume 1, Number 1 & 2
PB80133408	Fire Technology Abstracts, Volume 2
PB80133440	Fire Technology Abstracts, Volume 2

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PB80133416	Fire Technology Abstracts, Volume 2, Number 3
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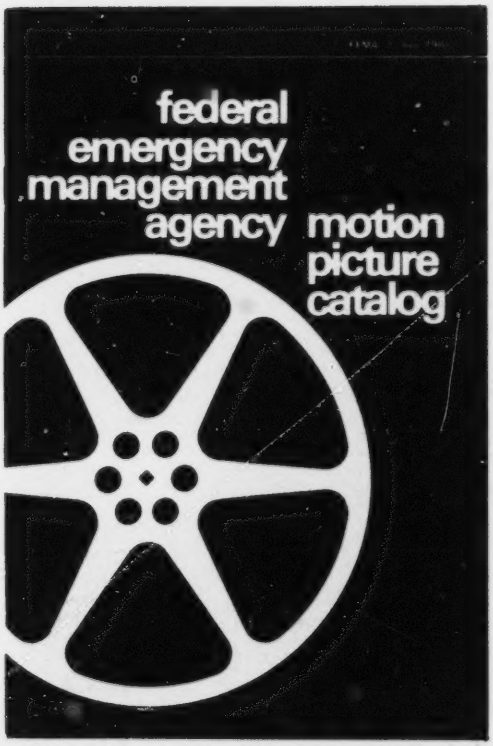
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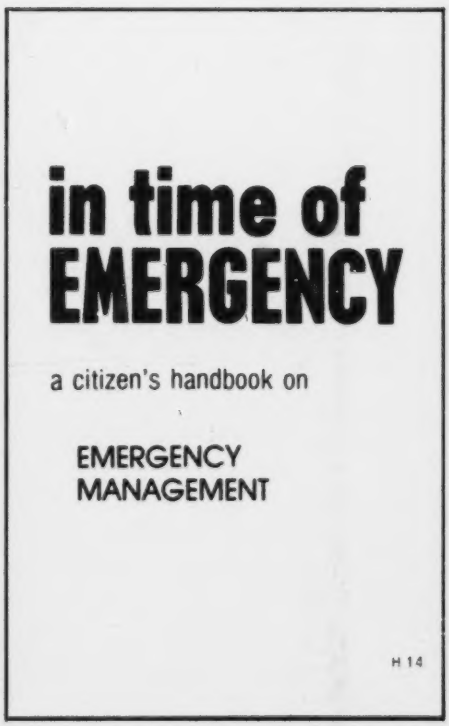
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